SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

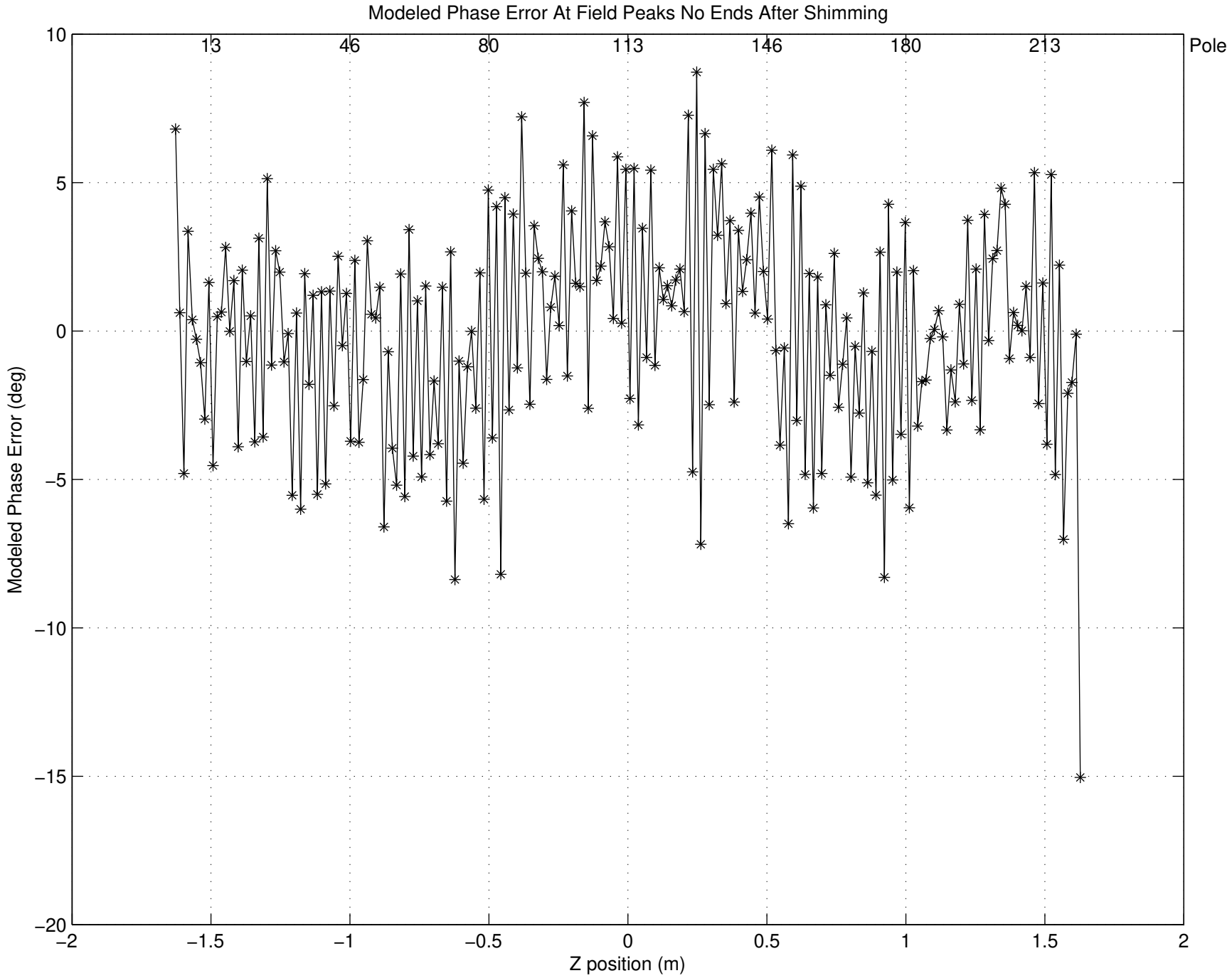
SLAC Magnetic Measurements
Date: 08−22−2012
Time: 09:36:10

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−13
DATASET Number: 40
Tuning Stage: Fine Tuning
Run Number: 3
Measurement Type: Z Scans
Operator: YL
Comment: at min K
Session first run: 3
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−13\DATASET0040\Fine Tuning\Z Scans\Run 003\bscanz.dat

Temperature (C)
L143−112000−13:−−> T1 20.06 −−> T2 20.05 −−> T5 20.02 −−> T3 20.05 −−> Air 20.00 −−> T4 20.04

Axes position (m) X:0.030024 Y:0.000361
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000929 V
Vy_0i = −0.003039 V



Phase Error: Ave = −0.000000 deg, RMS = 3.668750 deg