SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

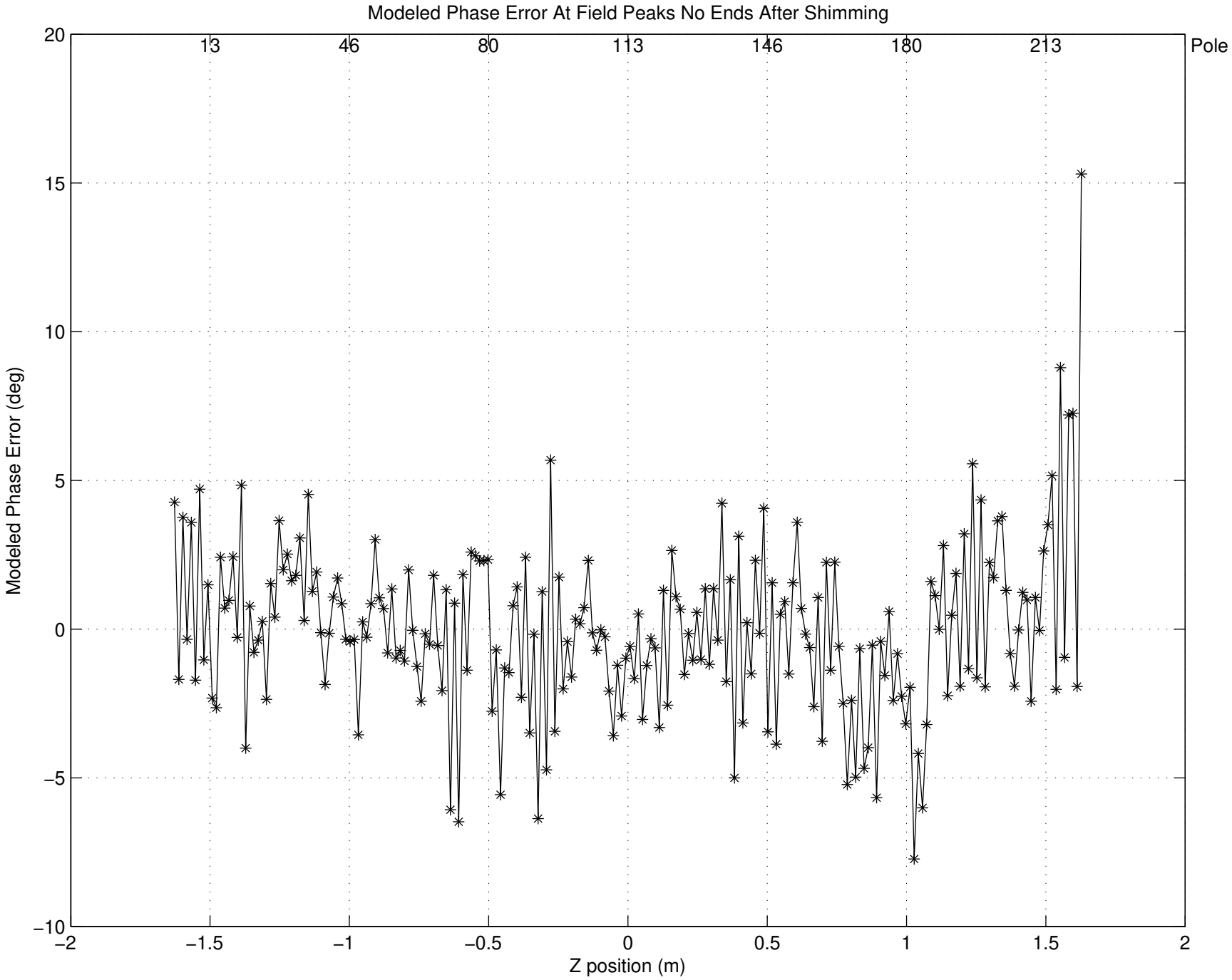
SLAC Magnetic Measurements
Date: 01−25−2013
Time: 09:40:23

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−11
DATASET Number: 4
Tuning Stage: Fine Tuning
Run Number: 6
Measurement Type: Z Scans
Operator: YL
Comment: at min K
Session first run: 5
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−11\DATASET0004\Fine Tuning\Z Scans\Run 006\bscanz.dat

Temperature (C)
L143−112000−11:−−> T1 19.98 −−> T2 19.97 −−> T5 19.92 −−> T3 19.97 −−> Air 19.96 −−> T4 19.95

Axes position (m) X:0.028545 Y:0.000252
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001027 V
Vy_0i = −0.003574 V



Phase Error: Ave = 0.000000 deg, RMS = 2.831891 deg