SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

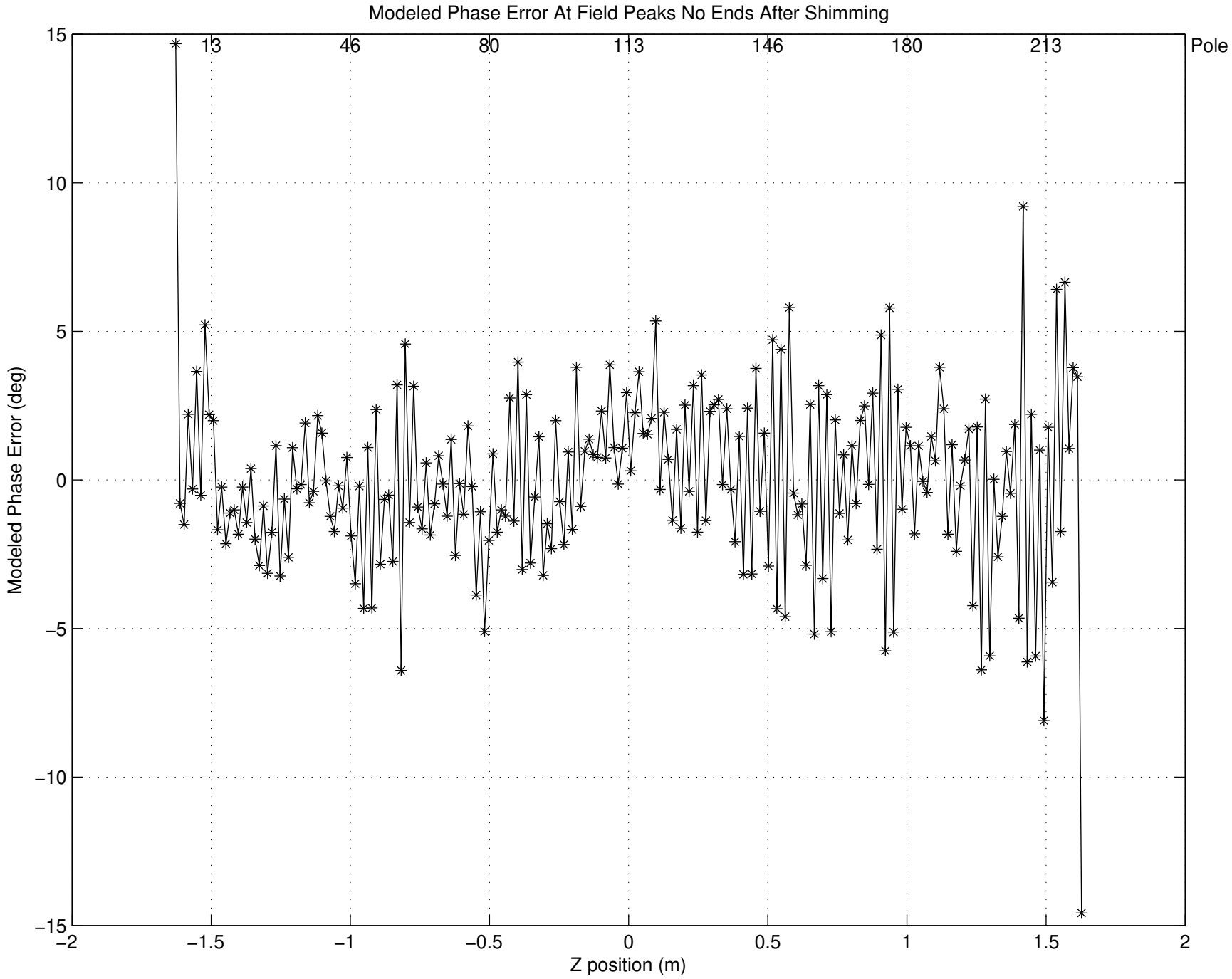
SLAC Magnetic Measurements
Date: 12−17−2013
Time: 08:55:50

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−10
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 12
Measurement Type: Z Scans
Operator: YL
Comment: final
Session first run: 11
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−10\DATASET0003\Fine Tuning\Z Scans\Run 012\bscanz.dat

Temperature (C)
L143−112000−10:−−> T1 19.98 −−> T2 19.97 −−> T5 19.97 −−> T3 19.97 −−> Air 20.00 −−> T4 19.98

Axes position (m) X:0.029584 Y:0.000148
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001287 V
Vy_0i = −0.003532 V



Phase Error: Ave = −0.000000 deg, RMS = 3.069395 deg