SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

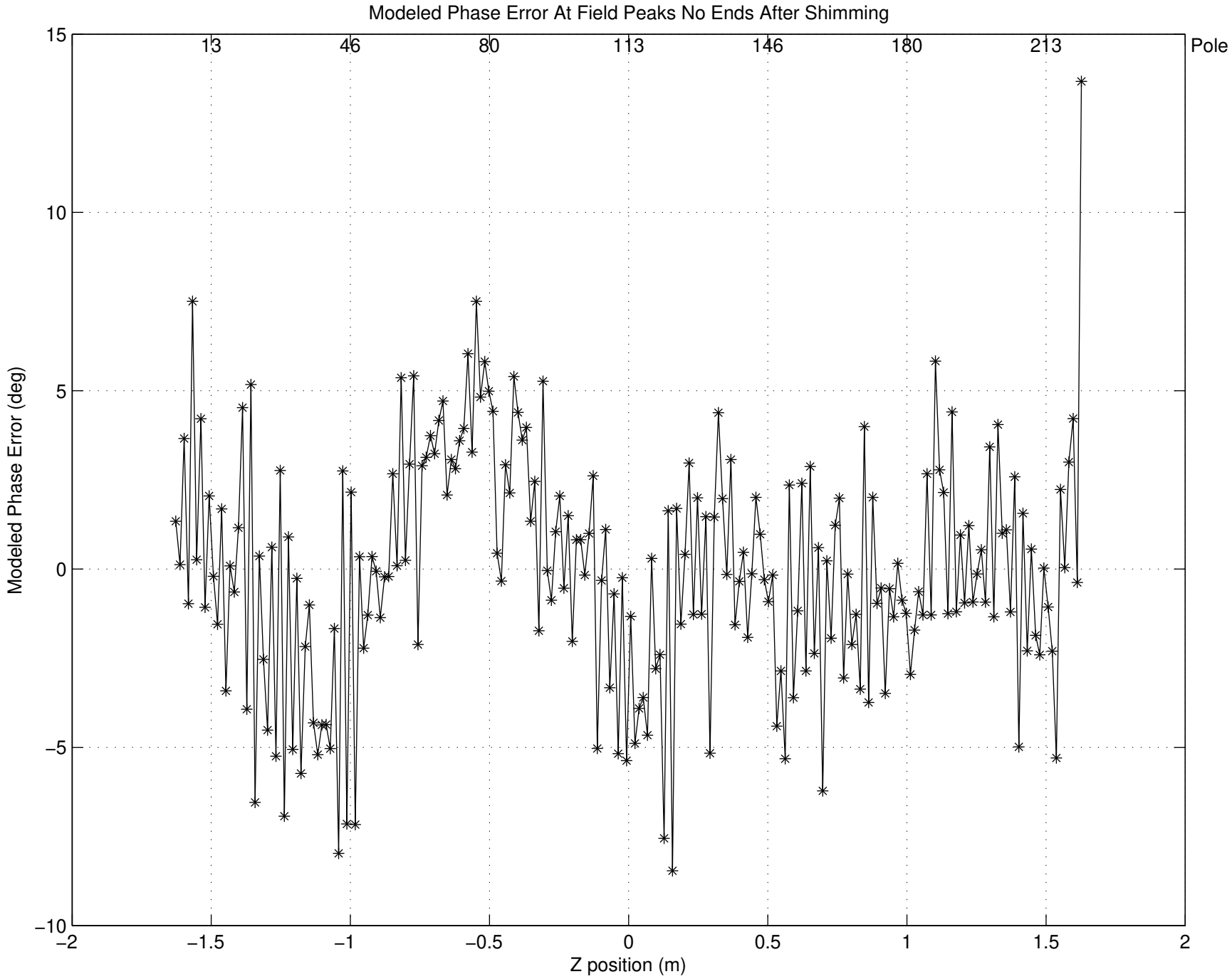
SLAC Magnetic Measurements
Date: 08−01−2012
Time: 15:41:55

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−15
DATASET Number: 6
Tuning Stage: Fine Tuning
Run Number: 13
Measurement Type: Z Scans
Operator: YL
Comment: at min K; second gap adjustment
Session first run: 12
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−15\DATASET0006\Fine Tuning\Z Scans\Run 013\bscanz.dat

Temperature (C)
L143−112000−15:−−> T1 19.95 −−> T2 19.95 −−> T5 19.96 −−> T3 19.96 −−> Air 19.98 −−> T4 19.98

Axes position (m) X:0.030213 Y:0.000223
Initial Hall Probe Zero Measurements:
Vx_0i = 0.000951 V
Vy_0i = −0.003054 V



Phase Error: Ave = −0.000000 deg, RMS = 3.281770 deg