SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

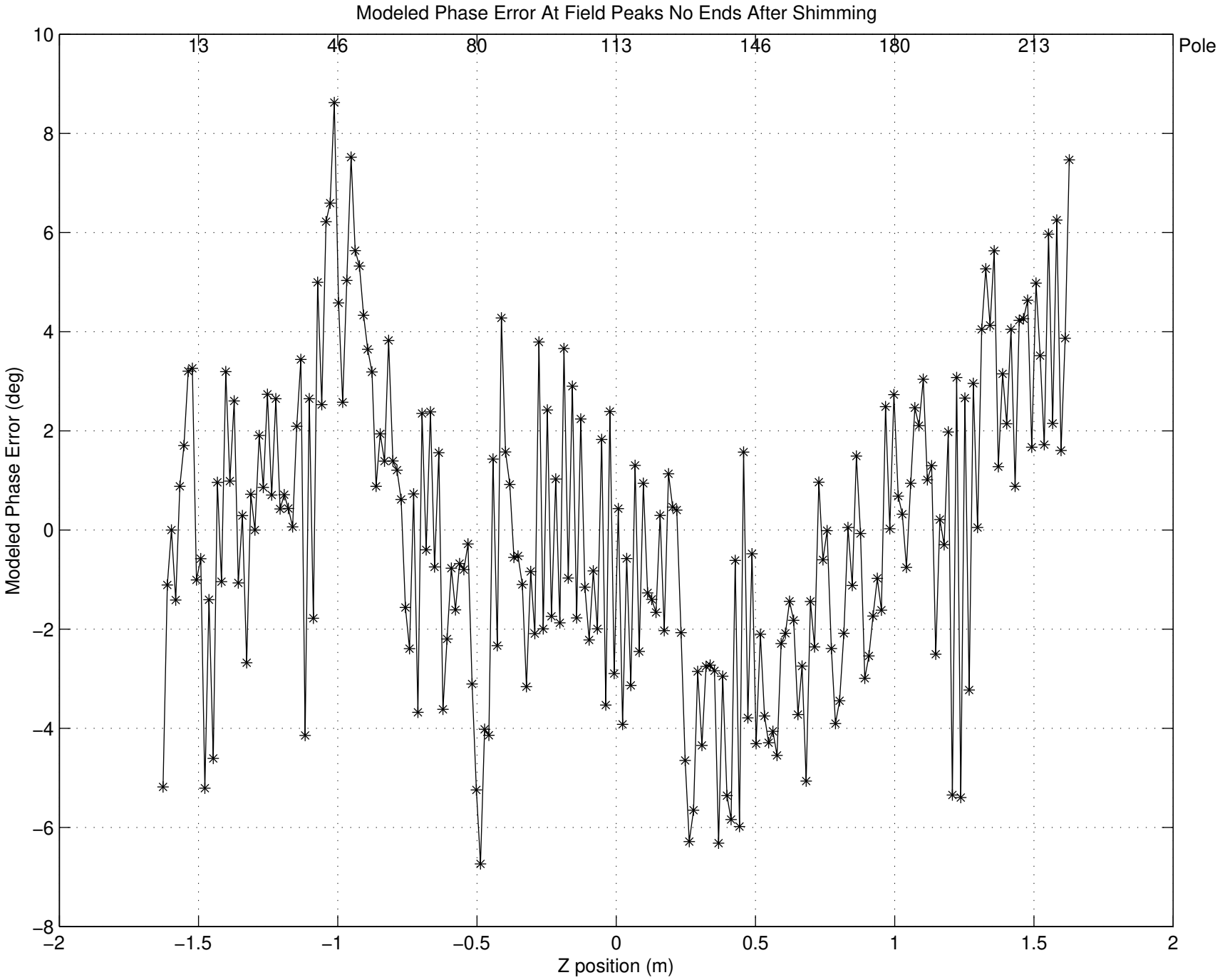
SLAC Magnetic Measurements
Date: 02−22−2012
Time: 14:12:49

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−01
DATASET Number: 2
Tuning Stage: Fine Tuning
Run Number: 7
Measurement Type: Z Scans
Operator: YL
Comment: at min K; after gap adjustment
Session first run: 6
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−01\DATASET0002\Fine Tuning\Z Scans\Run 007\bscanz.dat

Temperature (C)
L143−112000−01:−−> T1 19.96 −−> T2 19.94 −−> T5 19.92 −−> T3 19.94 −−> Air 20.02 −−> T4 19.93

Axes position (m) X:0.030150 Y:0.000205
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001031 V
Vy_0i = −0.003519 V



Phase Error: Ave = −0.000000 deg, RMS = 3.076368 deg