SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

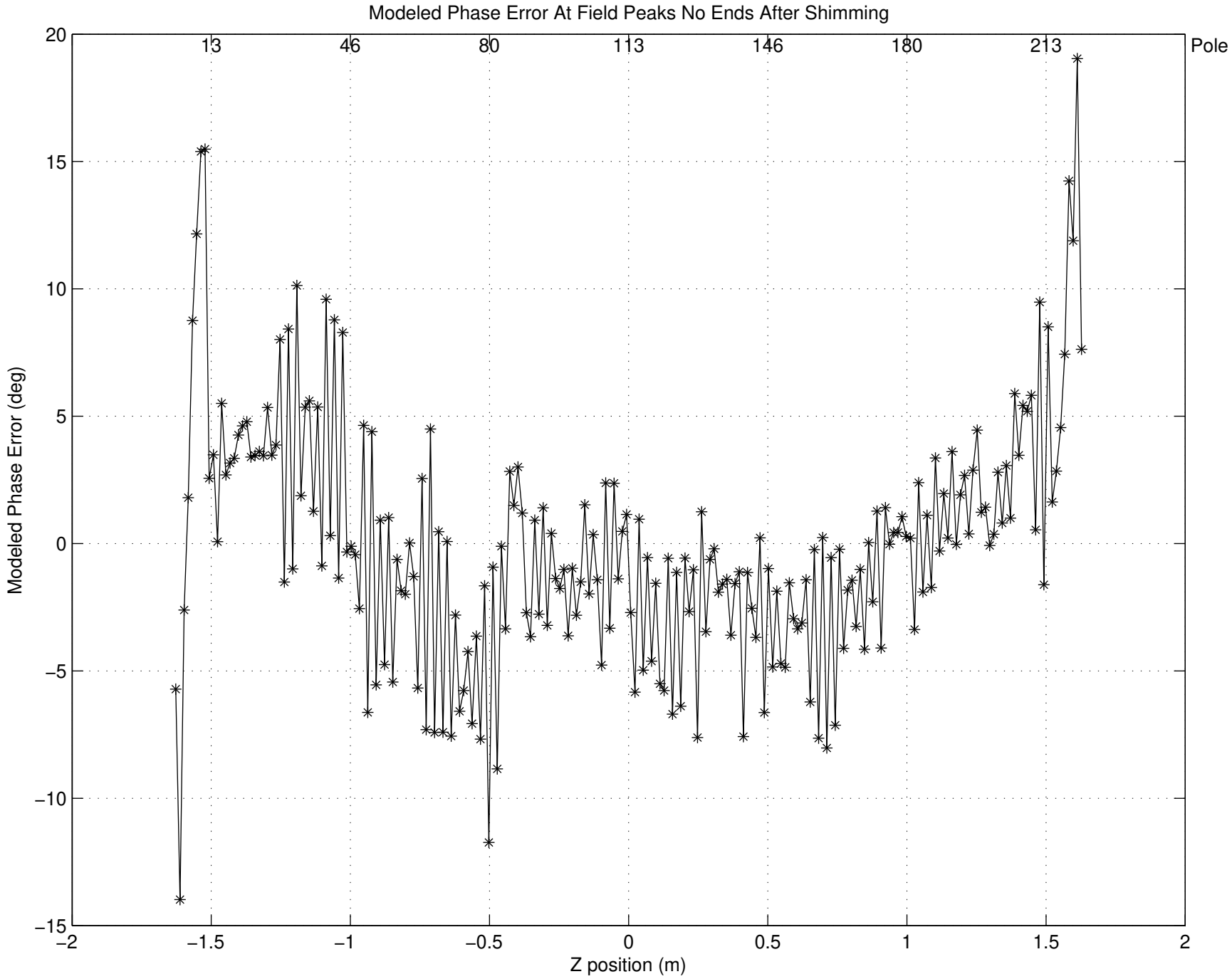
SLAC Magnetic Measurements
Date: 05−12−2010
Time: 14:45:18

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−18
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 8
Measurement Type: Z Scans
Operator: YL
Comment: tuning
Session first run: 7
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−18\DATASET0003\Fine Tuning\Z Scans\Run 008\bscanz.dat

Temperature (C)
L143−112000−18:−−> T5 19.95 −−> T2 19.94 −−> T1 19.98 −−> T3 19.96 −−> Air 19.98 −−> T4 19.95

Axes position (m) X:0.026015 Y:0.000304
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001320 V
Vy_0i = −0.003044 V



Phase Error: Ave = −0.000000 deg, RMS = 4.784345 deg