SLAC Magnetic Measurements

Planar Insertion Device Analysis

SLAC Magnetic Measurements
Date: 10−13−2014
Time: 16:09:16

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: L143−112000−13
DATASET Number: 48
Tuning Stage: Fine Tuning
Run Number: 1
Measurement Type: Z Scans
Operator: YL
Comment: find first pole position
Session first run: 1
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\L143−112000−13\DATASET0048\Fine Tuning\Z Scans\Run 001\bscanz.dat

Temperature (C)
L143−112000−13:−−> T1 19.86 −−> T2 19.84 −−> T5 19.84 −−> T3 19.84 −−> Air 20.17 −−> T4 19.83

Axes position (m) X:0.028000 Y:0.000222
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001159 V
Vy_0i = −0.003185 V