SLAC Magnetic Measurements

Planar Insertion Device Analysis

SLAC Magnetic Measurements
Date: 05−14−2013
Time: 16:21:04

Project: LCLS
Device Type: Undulator
Data Type:
Serial Number: DELTA
DATASET Number: 3
Tuning Stage: Fine Tuning
Run Number: 23
Measurement Type: Z Scans
Operator: YL
Comment: Q4; Rep. check −2
Session first run: 23
Measurement Device x:
Measurement Device y: $SENTRON_4$41

Data File: s:\magdata\LCLS\Undulator\DELTA\DATASET0003\Fine Tuning\Z Scans\Run 023\bscanz.dat

Temperature (C)
DELTA:−−> T1 20.07 −−> T2 20.03 −−> T5 19.97 −−> T3 20.04 −−> Air 20.13 −−> T4 20.05

Axes position (m) X:0.021002 Y:0.000035
Initial Hall Probe Zero Measurements:
Vx_0i = 0.001088 V
Vy_0i = −0.003200 V