SLAC Magnetic Measurements

Planar Insertion Device Shim Analysis

Parameters:

INPUT−FILE−DIR =S:\MagData\LCLS\Undulator\L143−112000−20\DATASET0001\Fine Tuning\Z Scans\Run 026\

INPUT−FILE−NAME =x+00000−y+000−bscanz.dat

INPUT−FILE−TYPE =ZVXYBXYH

CORR−REQUIRED =1

GAMMA =26625.06

NOM−LAMBDA−U =0.03
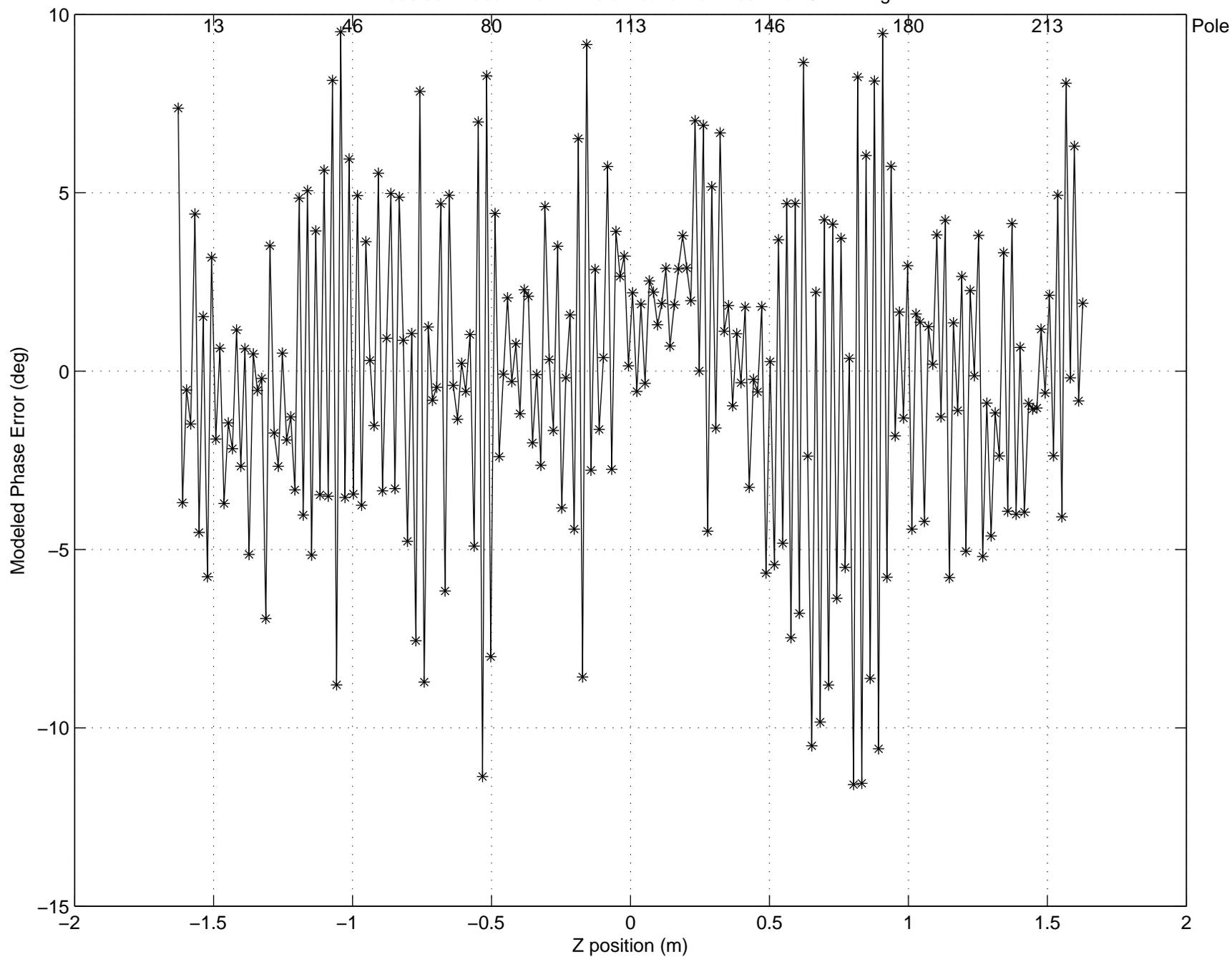
NOM−K−VALUE =3.4853

NOM−LAMBDA−R =1.4968e−010

NUM−POLES =226

NUM−END−POLES =4

CELL−LENGTH =3.656

Modeled Phase Error At Field Peaks No Ends After Shimming

Phase Error: Ave = −0.000000 deg, RMS = 4.431261 deg