

SLAC Magnetic Measurements

Planar Insertion Device Analysis

Parameters:

INPUT-FILE-DIR =S:\MagData\LCLS\Undulator\L143-112000-13\DATASET0001\Fine Tuning\Z Scans\Run 056\

INPUT-FILE-NAME =x+00000-y+100-bscanz.dat

INPUT-FILE-TYPE =ZVXYBXYH

CORR-REQUIRED =1

GAMMA =26686.34

NOM-LAMBDA-U =0.03

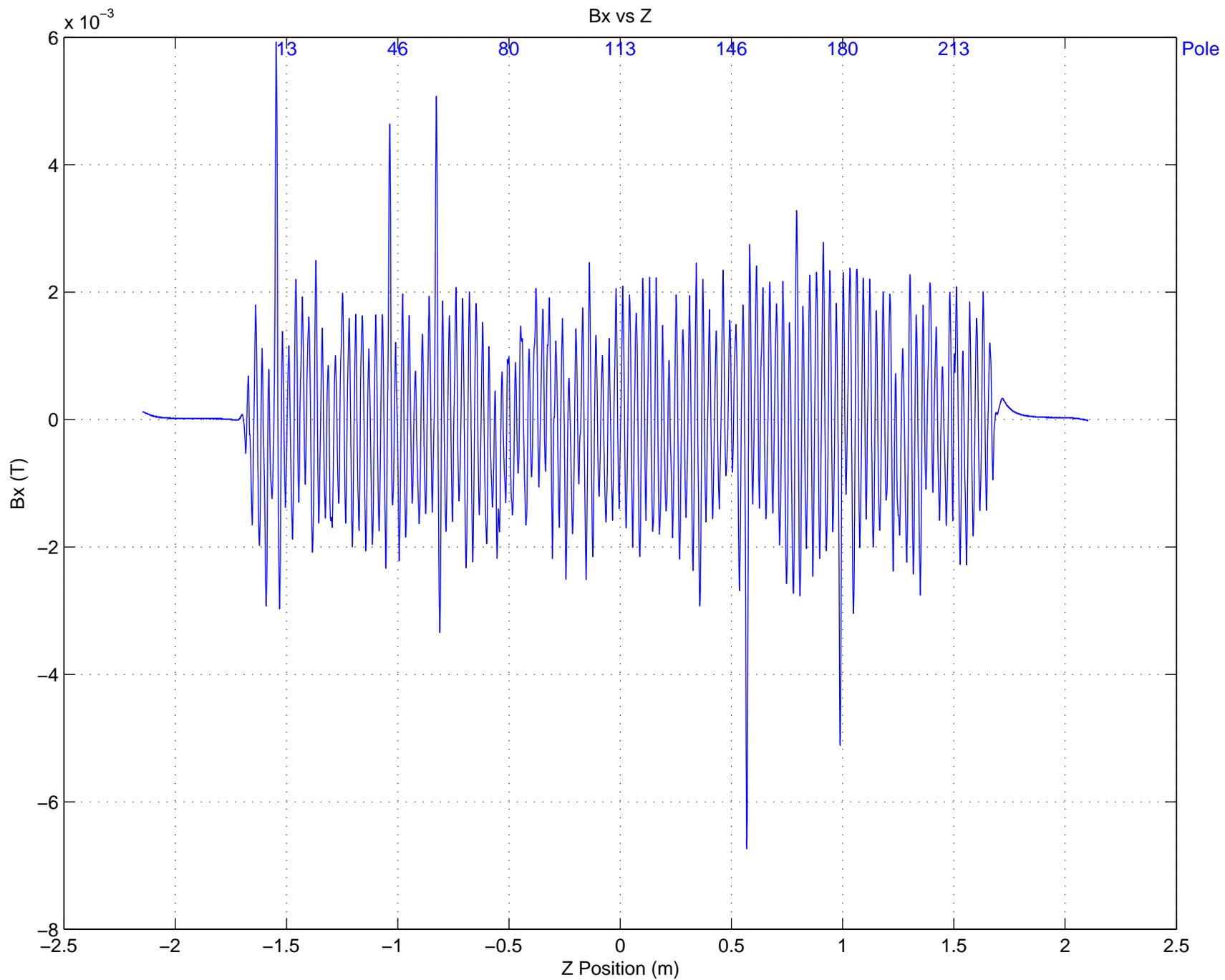
NOM-K-VALUE =3.4986

NOM-LAMBDA-R =1.4997e-010

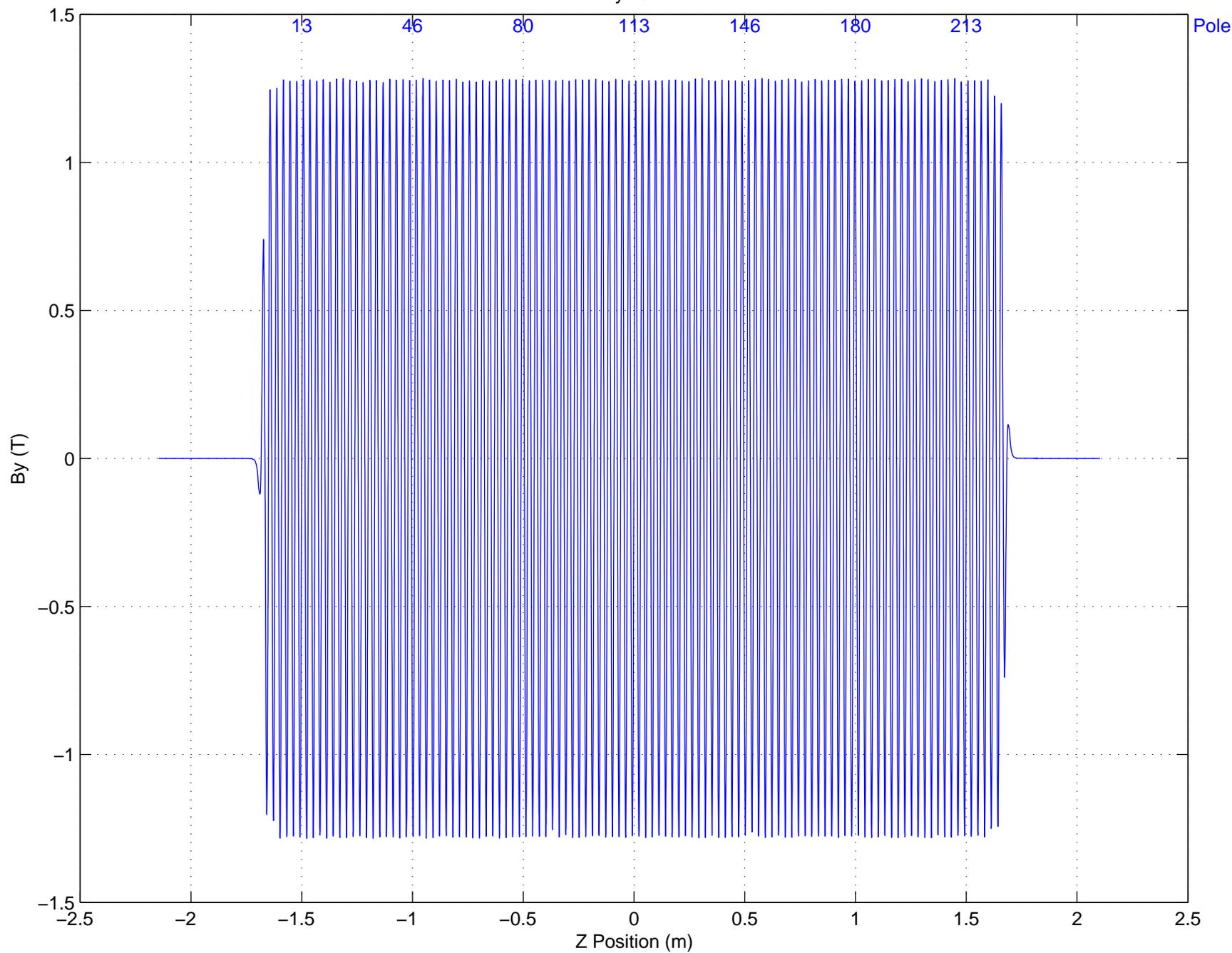
NUM-POLES =226

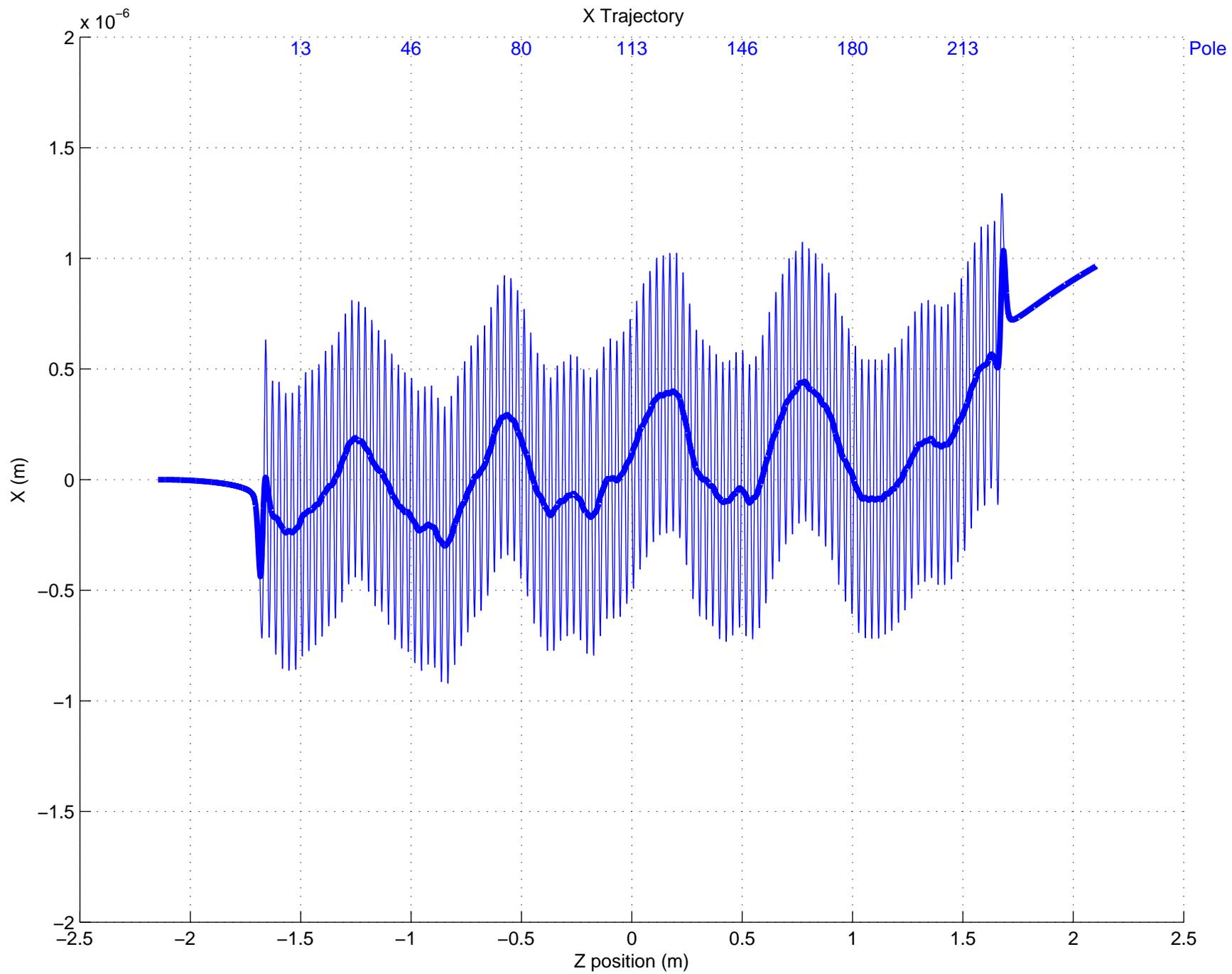
NUM-END-POLES =4

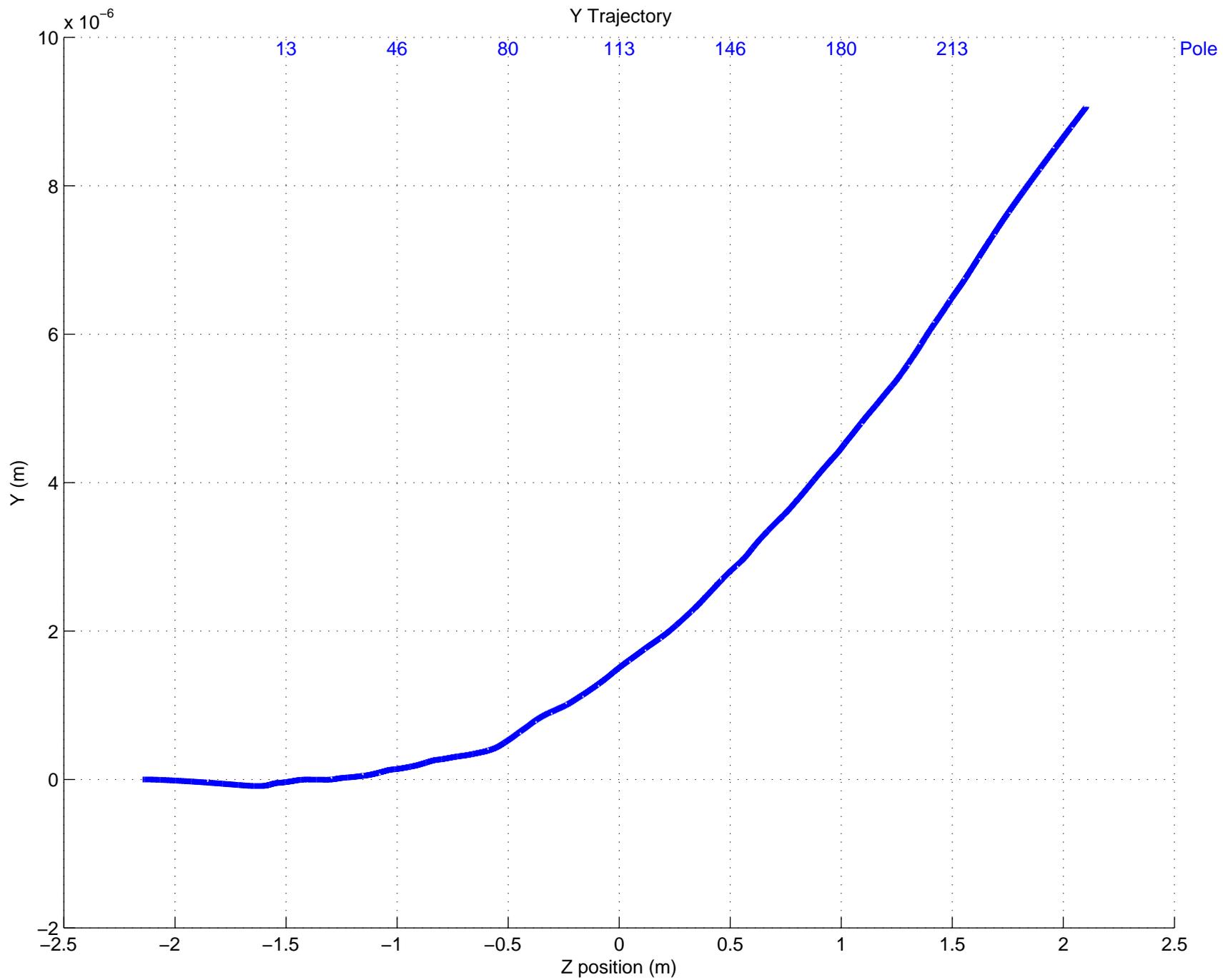
CELL-LENGTH =3.656



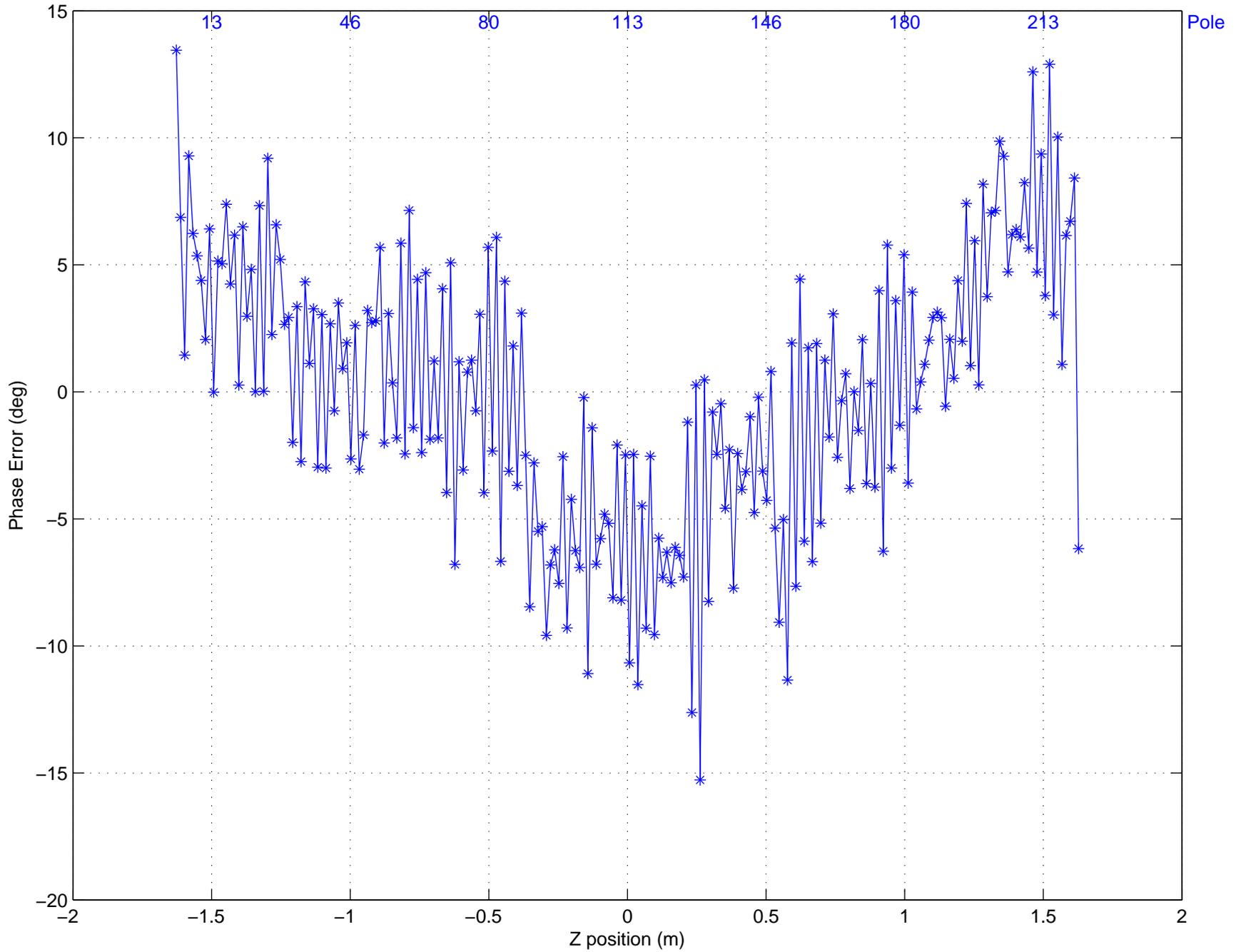
By vs Z







Phase Error At Field Peaks, No Ends



Phase Error: Ave = 0.000000 deg, RMS = 5.335409 deg

Phase Error Relative To Nominal Radiation Wave At Field Peaks, No Ends

