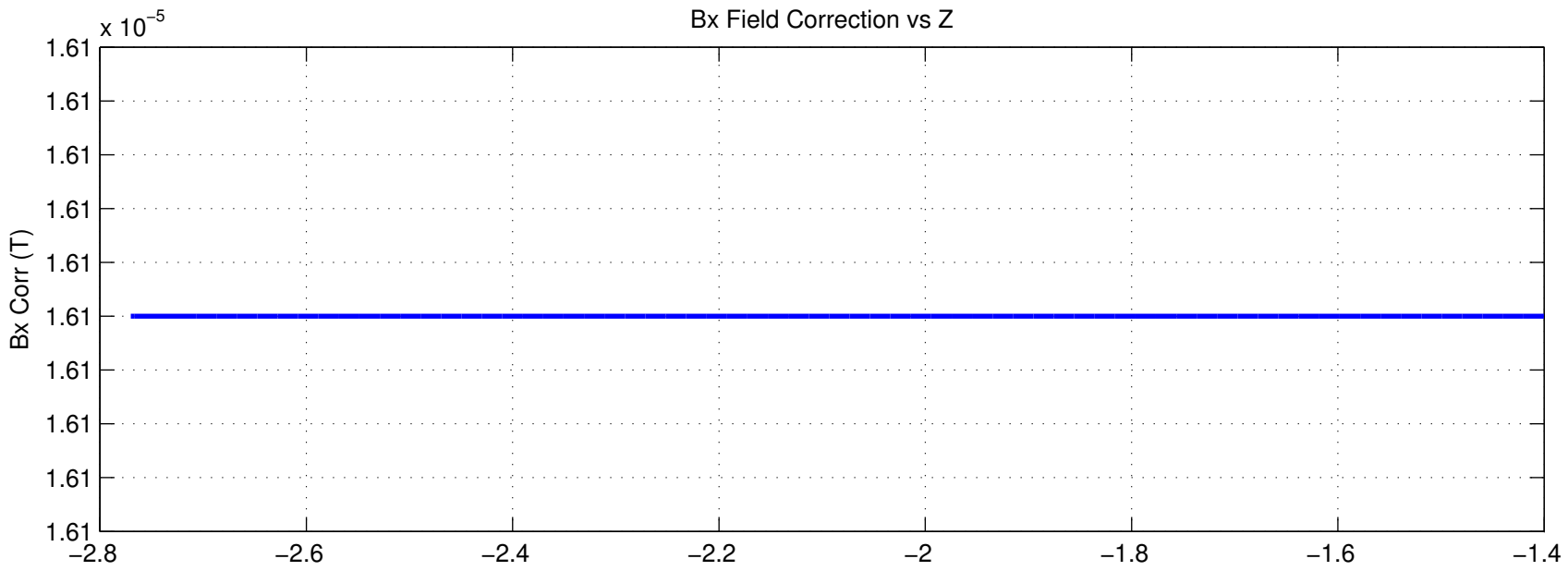
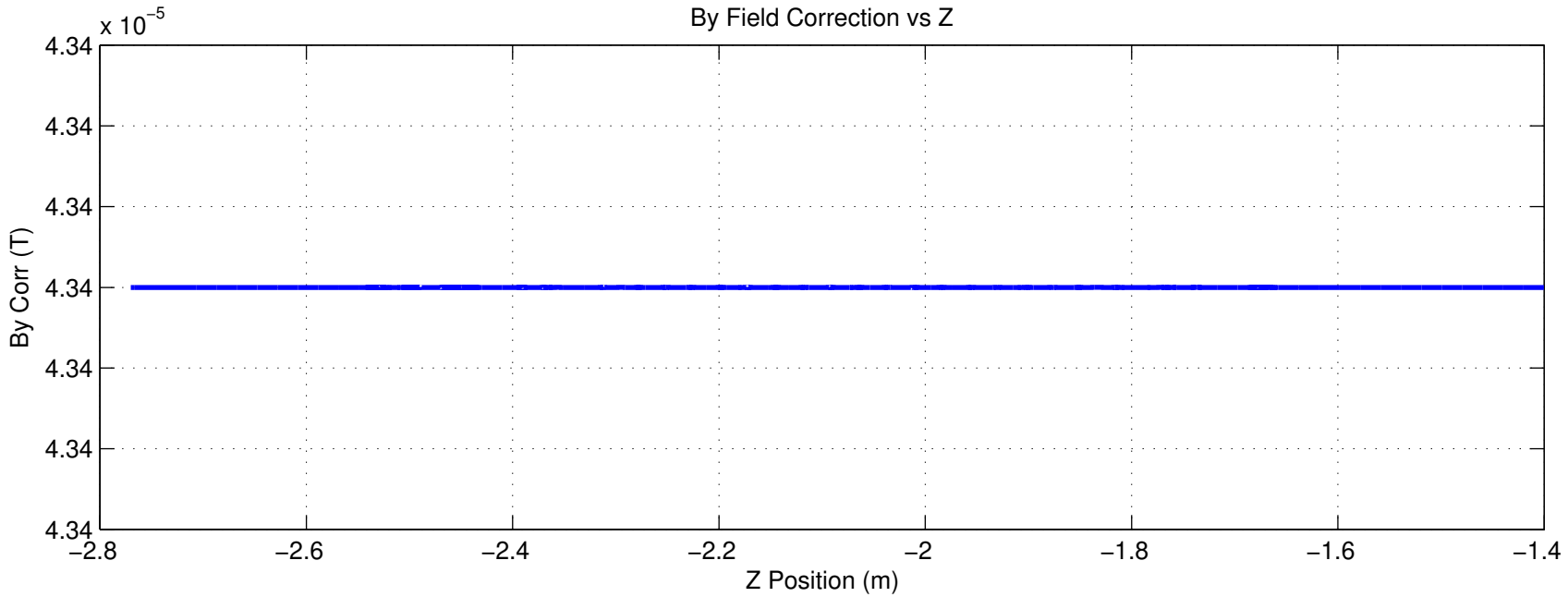
SLAC Magnetic Measurements

Planar Insertion Device Analysis

Parameters:
INPUT−FILE−DIR =S:\MagData\LCLS\Undulator\mag000\DATASET0001\Rough Tuning\Z Scans\Run 014\
INPUT−FILE−NAME =x+00000−y+000−bscanz.dat
INPUT−FILE−TYPE =ZVXYBXYH
CORR−REQUIRED =1
GAMMA =264.1884
NOM−LAMBDA−U =0.054
NOM−K−VALUE =1.385
NOM−LAMBDA−R =7.5787e−007
NUM−POLES =22
NUM−END−POLES =4
CELL−LENGTH =0.351


Bx Field Correction vs Z
x 10^-5
1.61
1.61
1.61
1.61
1.61
1.61
1.61
1.61
1.61
Bx Corr (T)
−2.8
−2.6
−2.4
−2.2
−2
−1.8
−1.6
−1.4


By Field Correction vs Z
x 10^-5
4.34
4.34
4.34
4.34
4.34
4.34
4.34
By Corr (T)
−2.8
−2.6
−2.4
−2.2
−2
−1.8
−1.6
−1.4
Z Position (m)