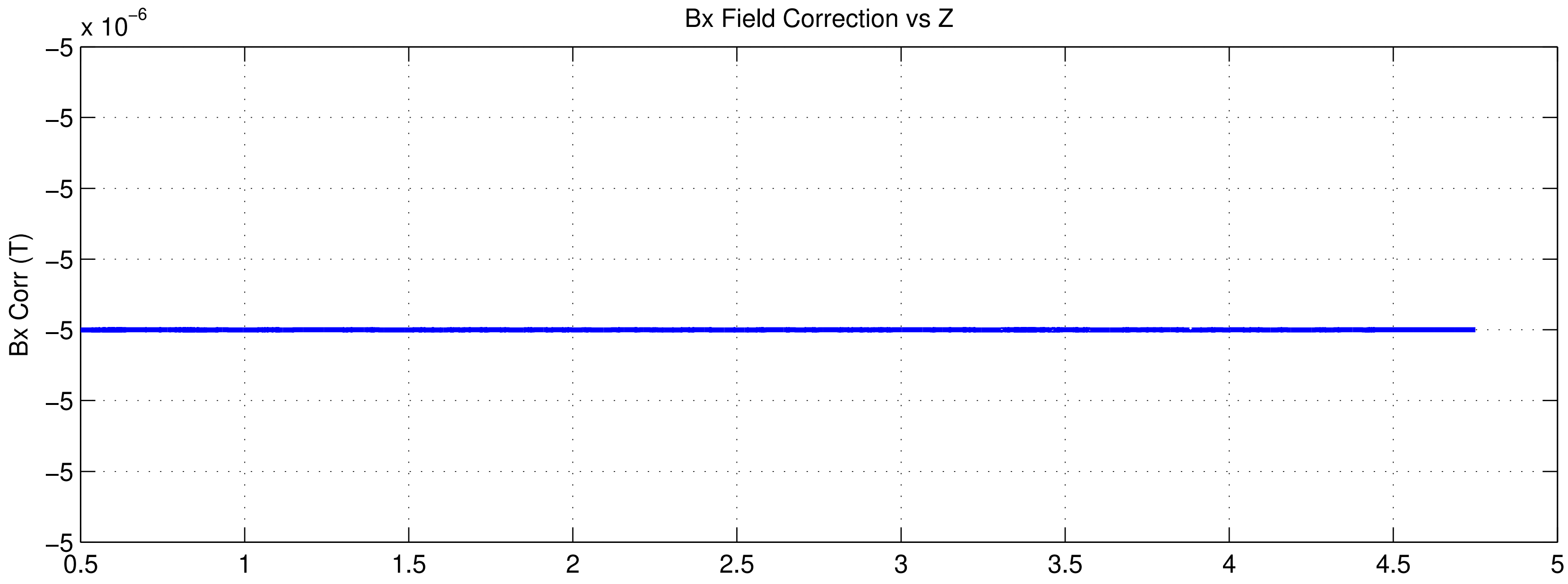
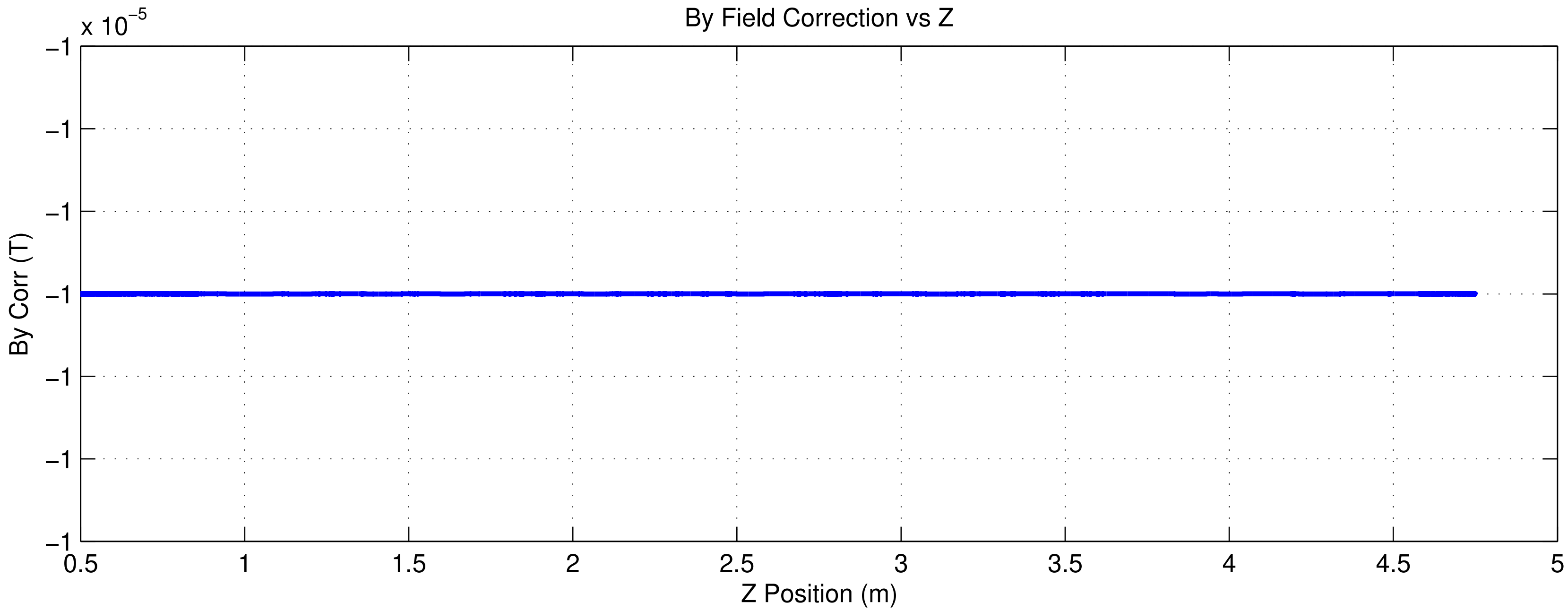
SLAC Magnetic Measurements

Planar Insertion Device Analysis

Parameters:
INPUT−FILE−DIR =S:\MagData\LCLS\Undulator\L143−112000−17\DATASET0001\Fine Tuning\Z Scans\Run 022\
INPUT−FILE−NAME =bscanz−dat.001
INPUT−FILE−TYPE =ZVXYBXYH
CORR−REQUIRED =1
GAMMA =26690.65
NOM−LAMBDA−U =0.03
NOM−K−VALUE =3.4996
NOM−LAMBDA−R =1.4999e−010
NUM−POLES =226
NUM−END−POLES =4
CELL−LENGTH =3.656



Bx Field Correction vs Z
x 10^−6
−5
−5
−5
−5
−5
−5
−5
−5
Bx Corr (T)
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5



By Field Correction vs Z
x 10^−5
−1
−1
−1
−1
−1
−1
−1
−1
By Corr (T)
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Z Position (m)