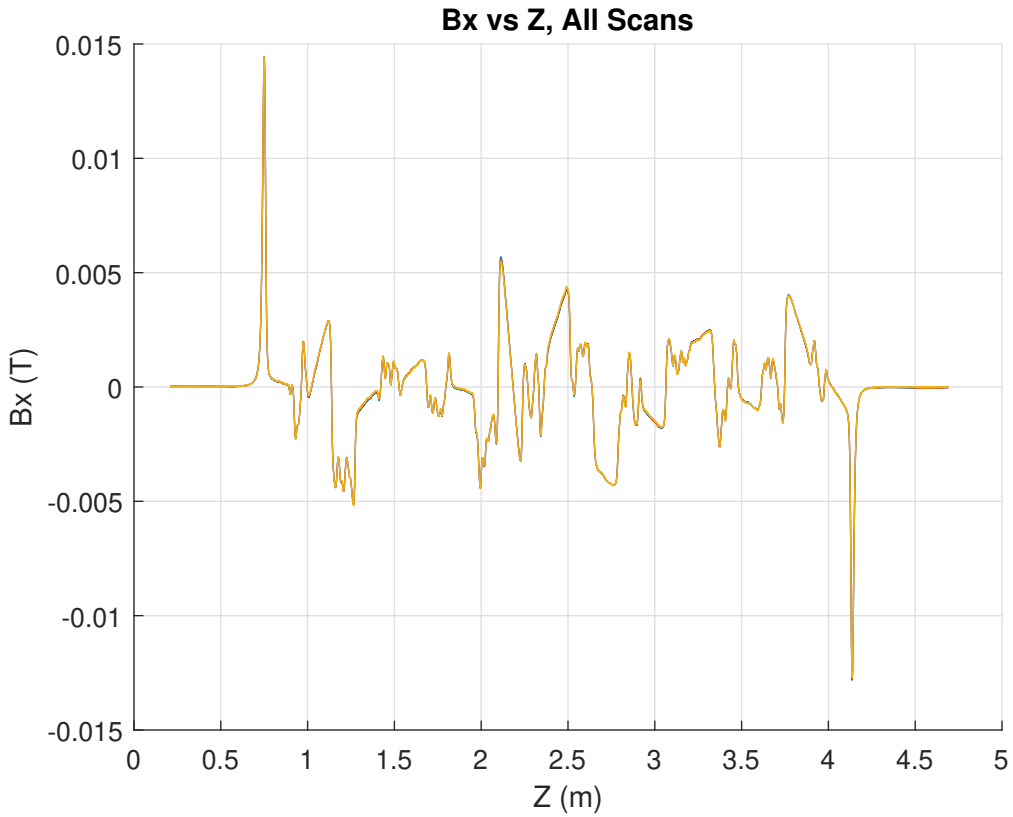
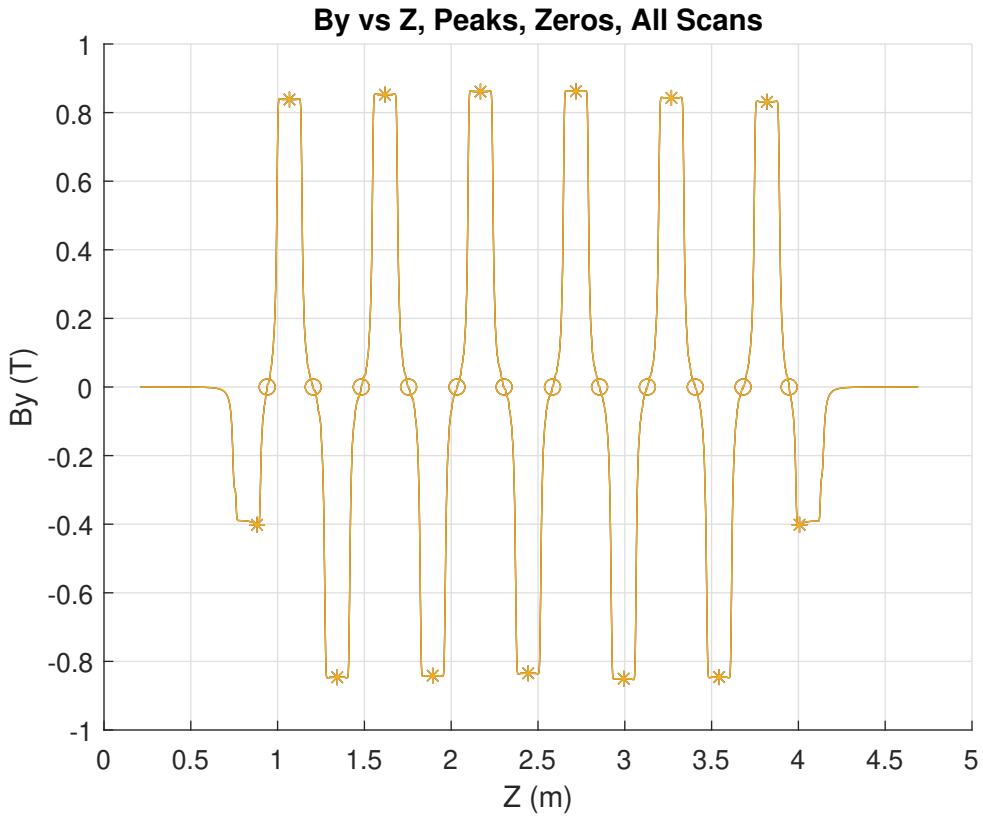
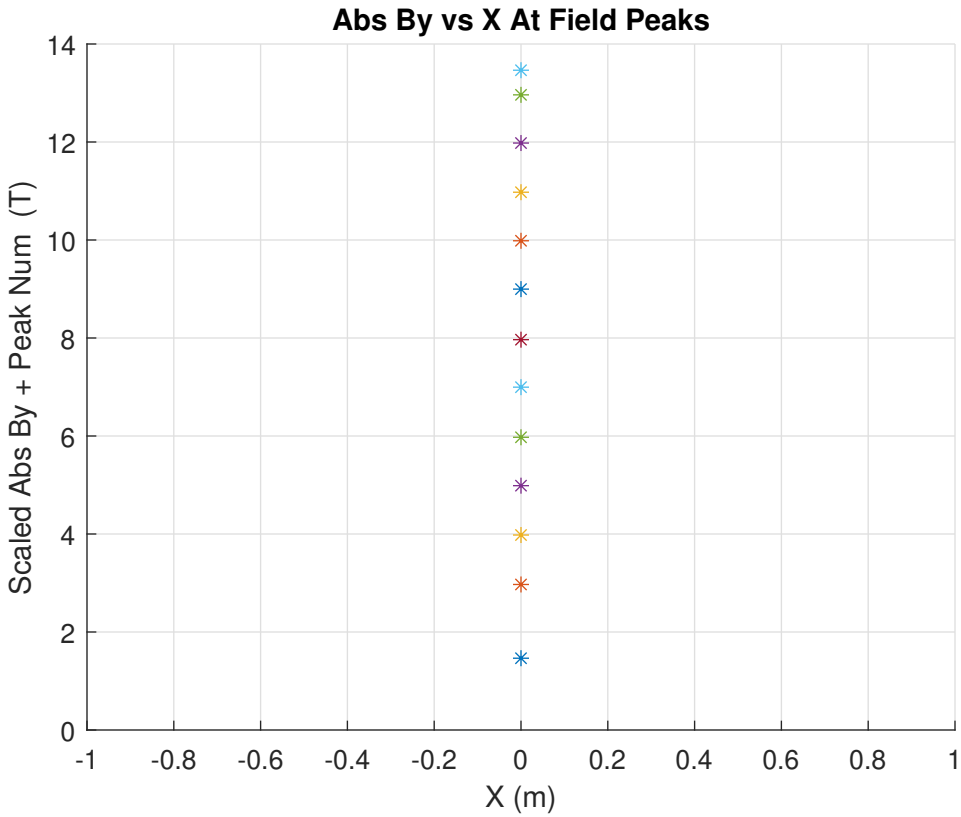
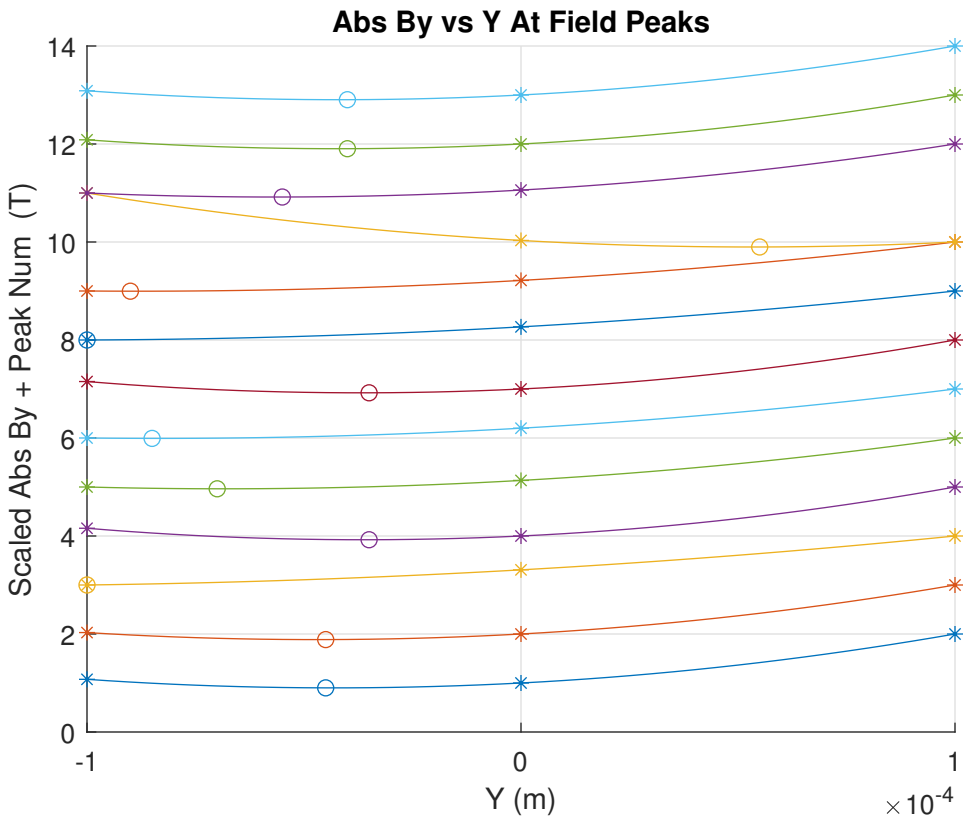
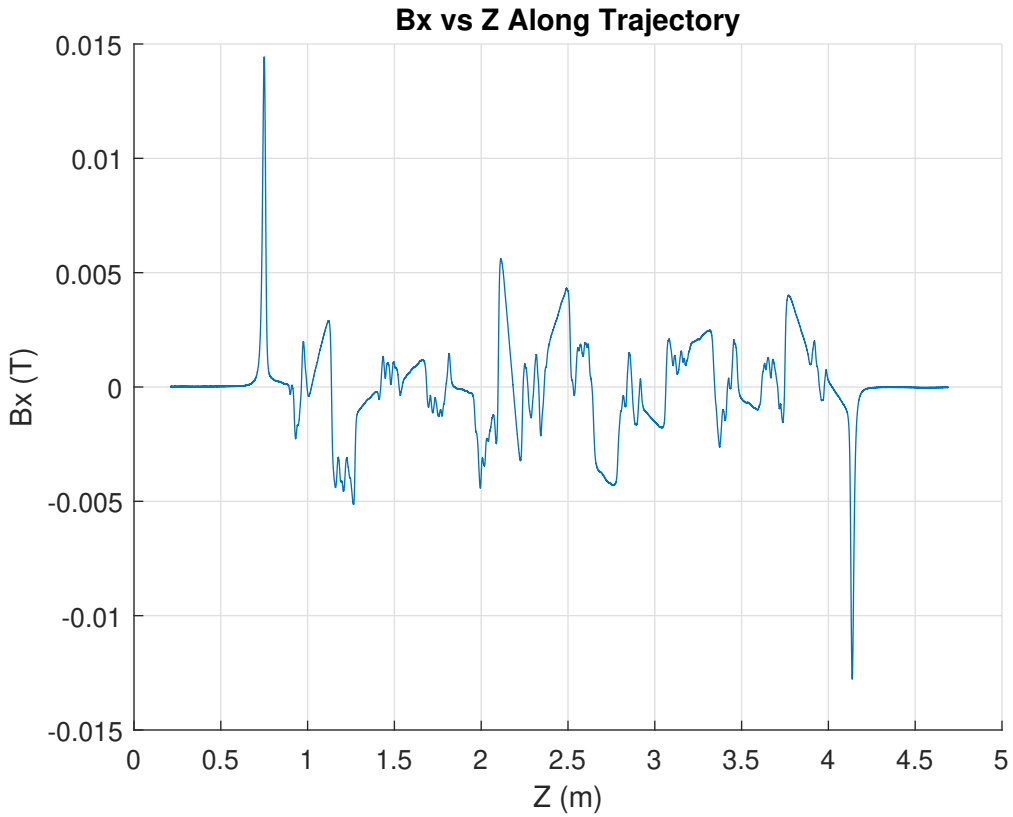
SLAC Magnetic Measurements#
Date: 09-07-2020#
Time: 13:31:26#

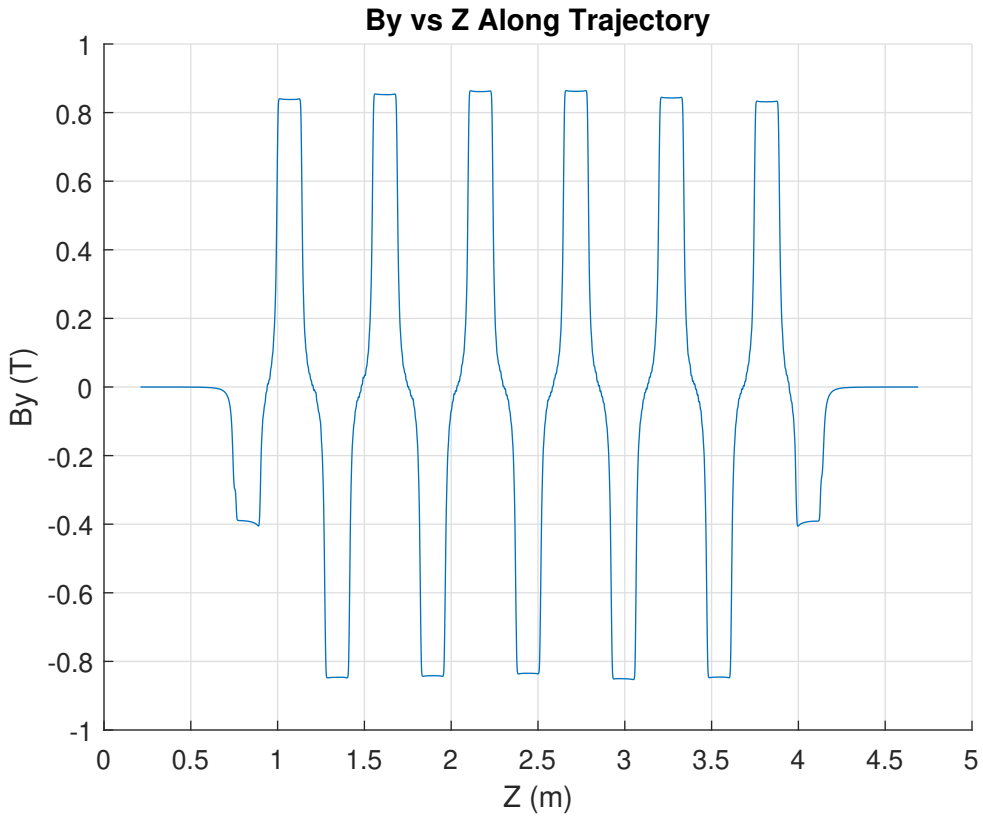

Bx vs Z, All Scans
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
Bx (T)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Z (m)

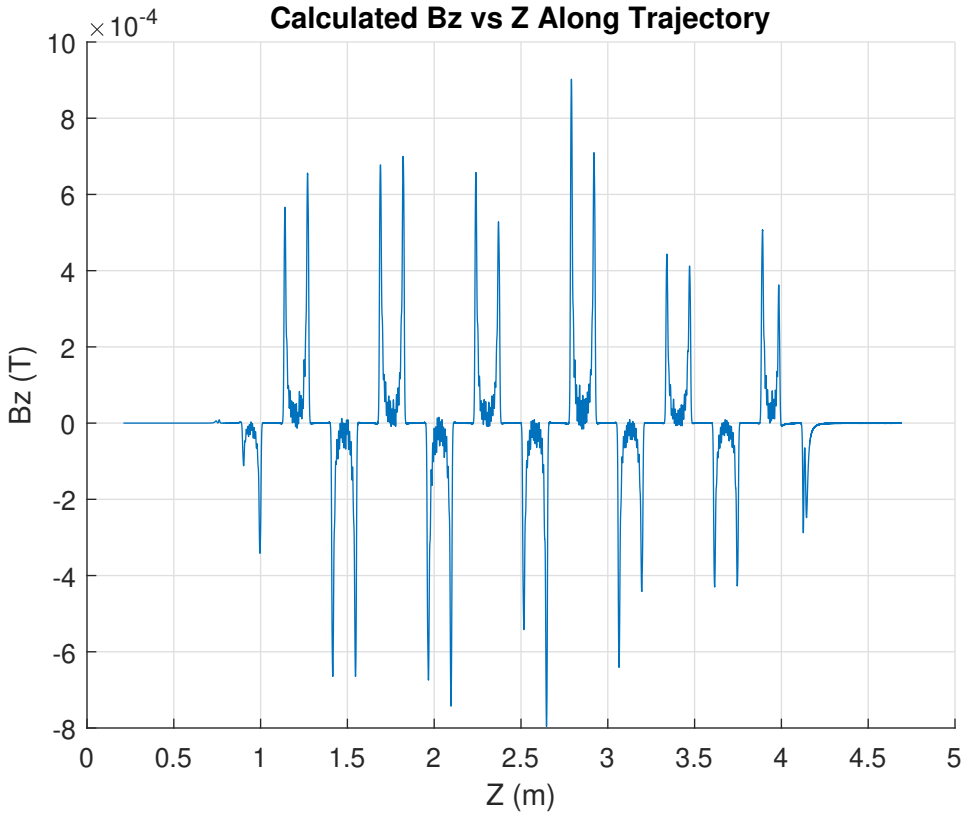

By vs Z, Peaks, Zeros, All Scans
By (T)
Z (m)
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

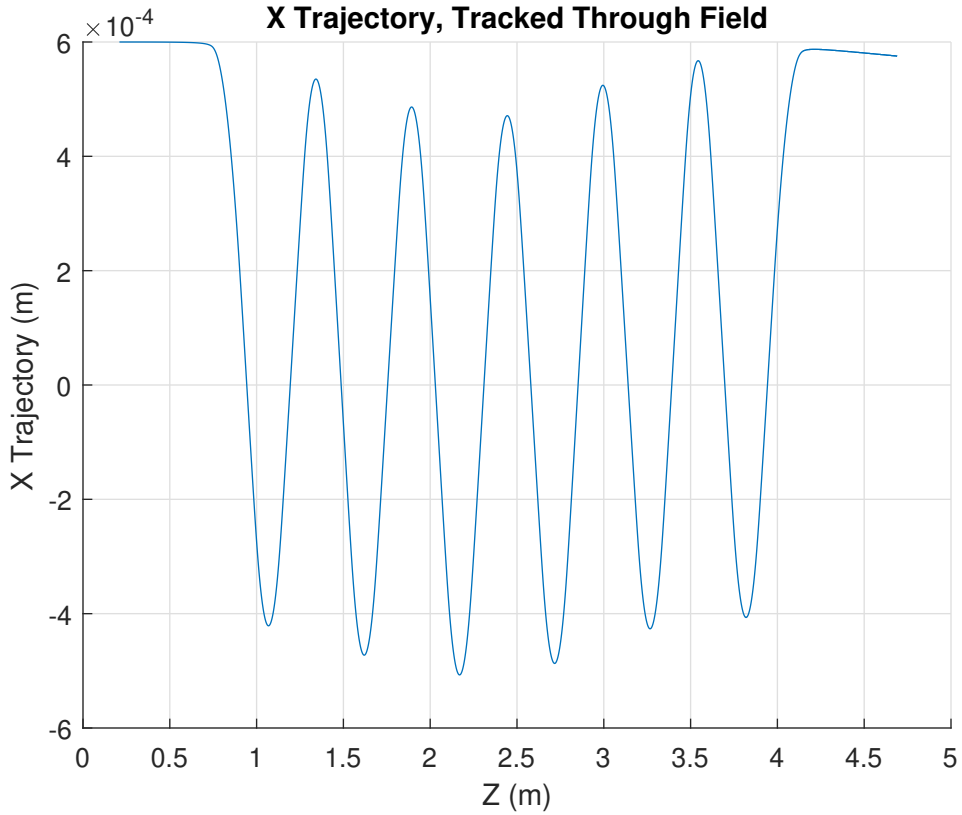

Abs By vs X At Field Peaks
Scaled Abs By + Peak Num (T)
X (m)
14
12
10
8
6
4
2
0
-1
-0.8
-0.6
-0.4
-0.2
0
0.2
0.4
0.6
0.8
1

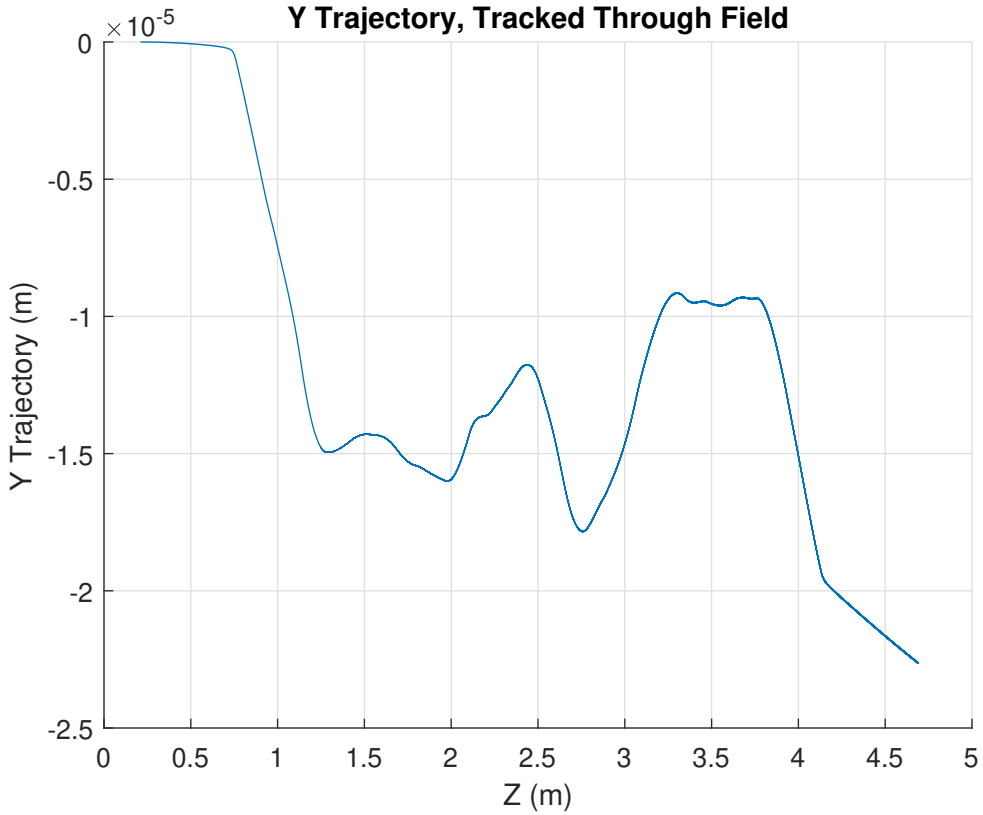

Abs By vs Y At Field Peaks
Scaled Abs By + Peak Num (T)
14
12
10
8
6
4
2
0
-1
0
1
Y (m)
×10-4


Bx vs Z Along Trajectory
Bx (T)
Z (m)
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5


By vs Z Along Trajectory
By (T)
Z (m)
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5


Calculated Bz vs Z Along Trajectory
×10^-4
10
8
6
4
2
0
-2
-4
-6
-8
Bz (T)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Z (m)


X Trajectory, Tracked Through Field
×10^-4
6
4
2
0
-2
-4
-6
X Trajectory (m)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Z (m)


Y Trajectory, Tracked Through Field
×10^-5
0
-0.5
-1
-1.5
-2
-2.5
Y Trajectory (m)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Z (m)