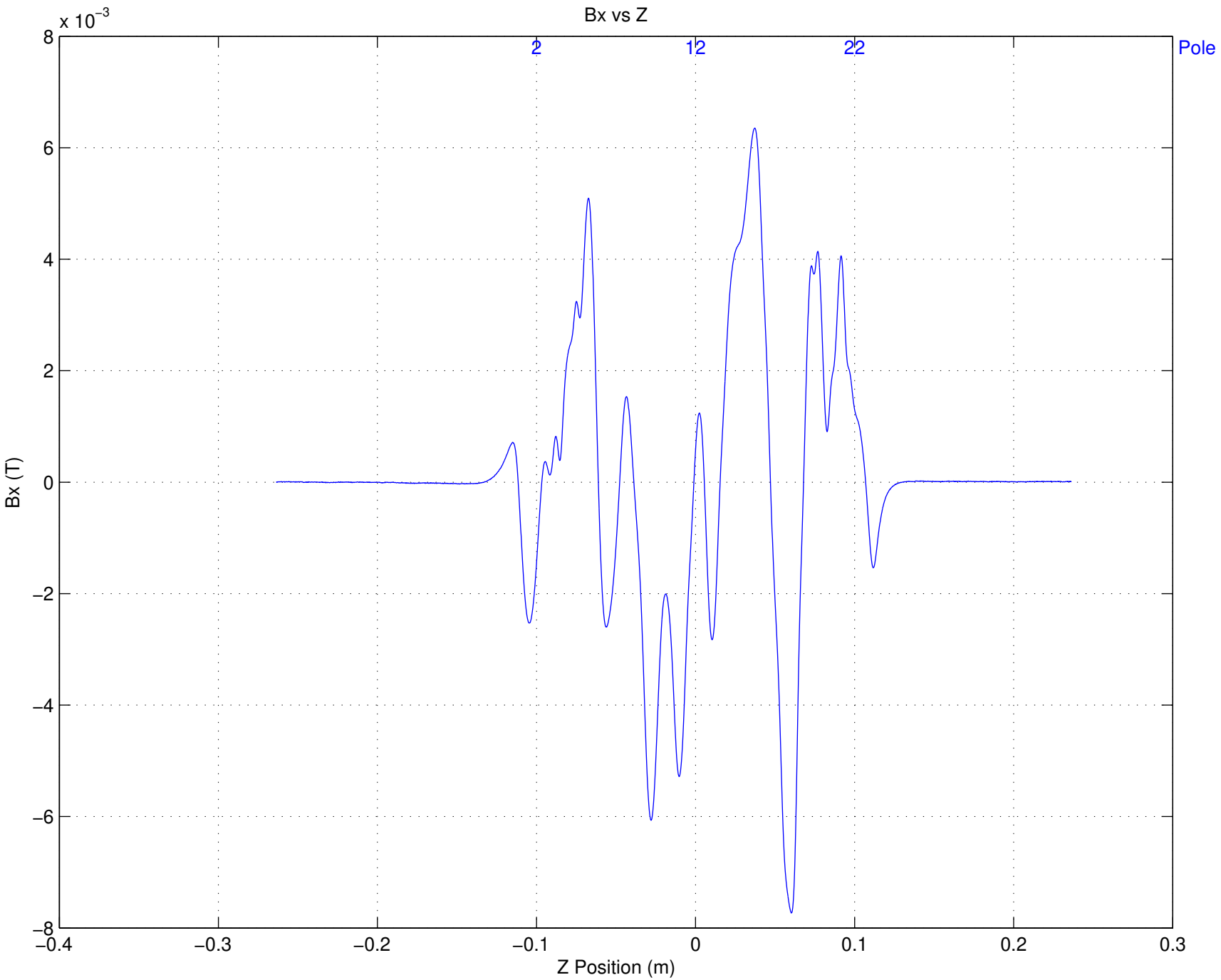
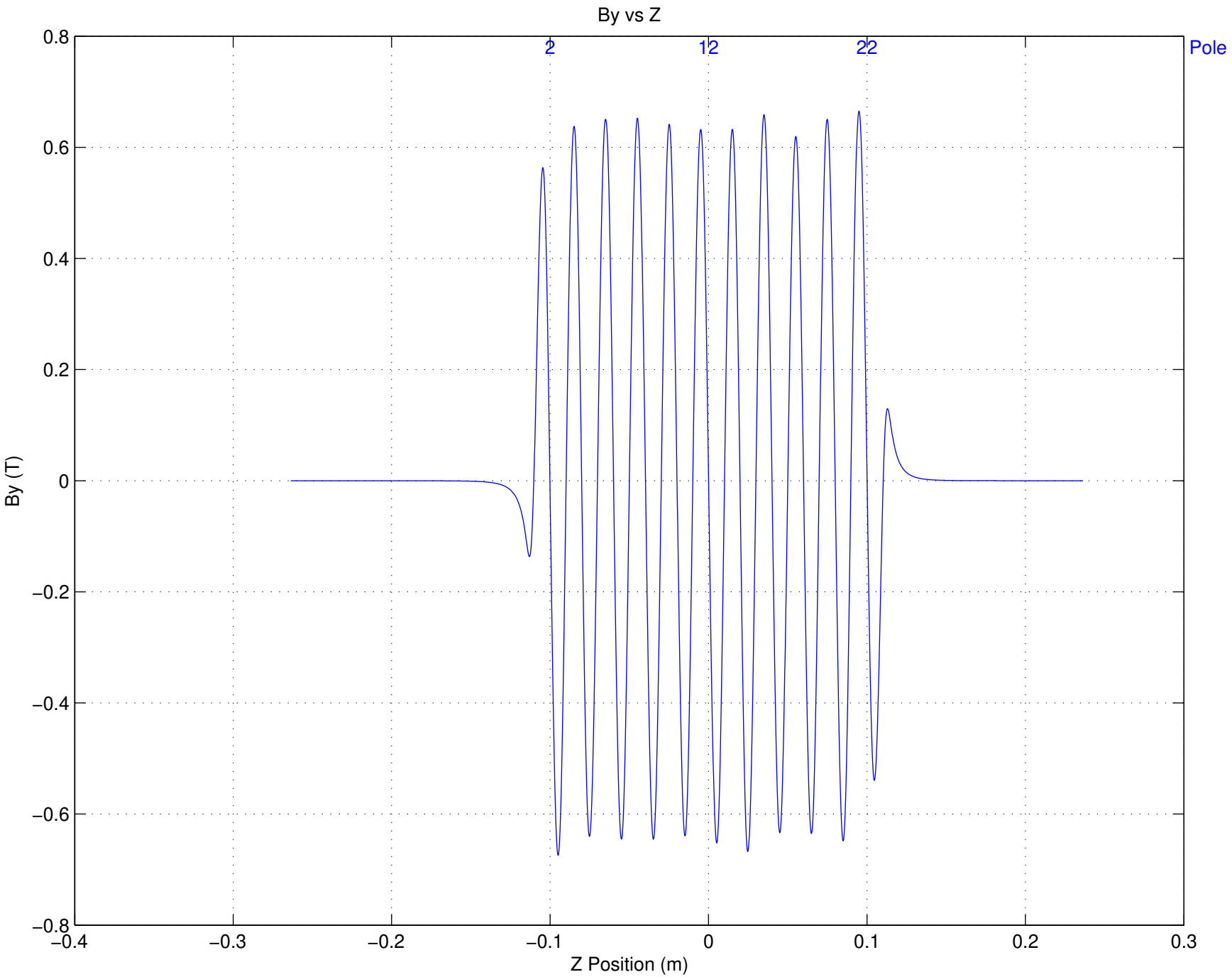
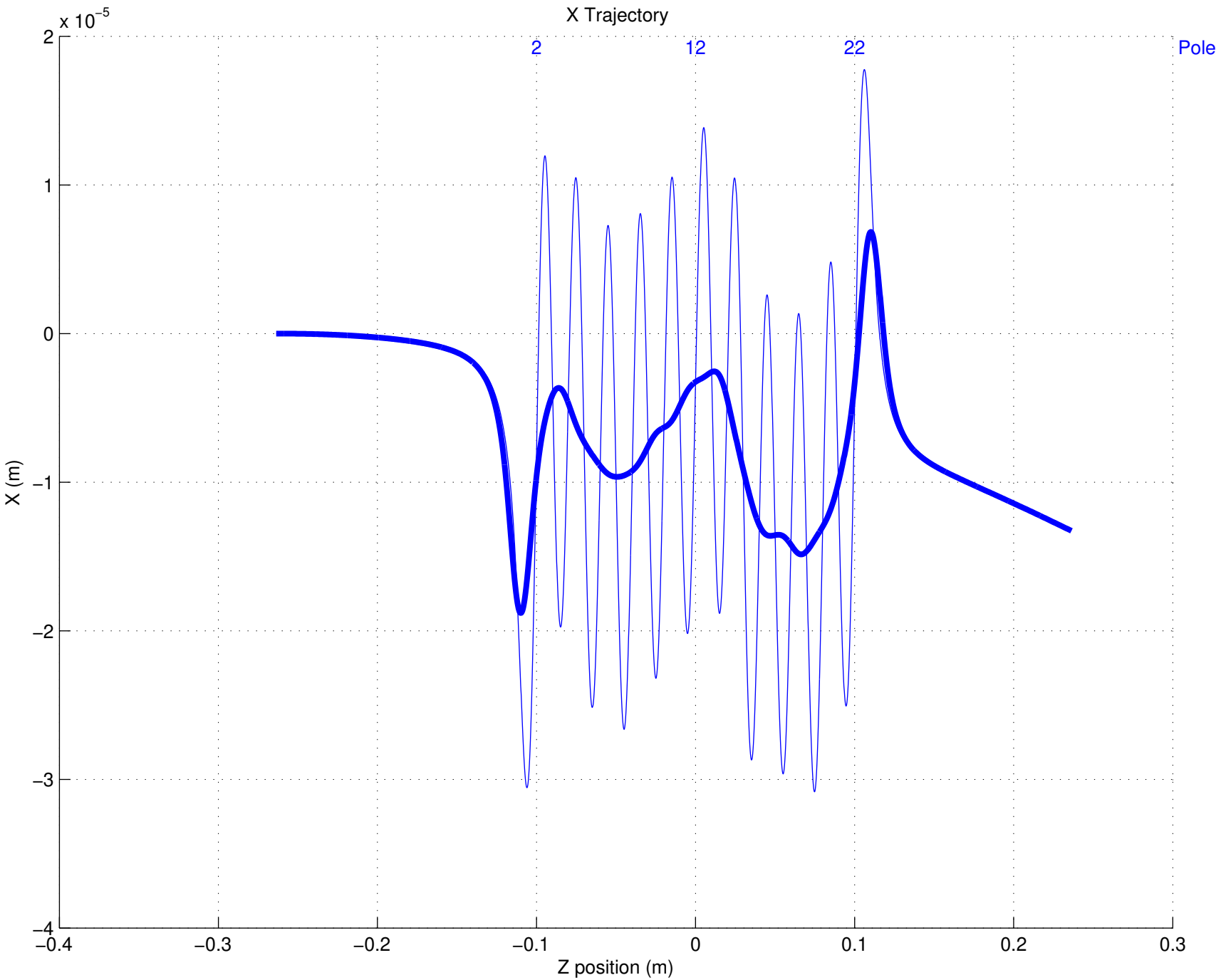
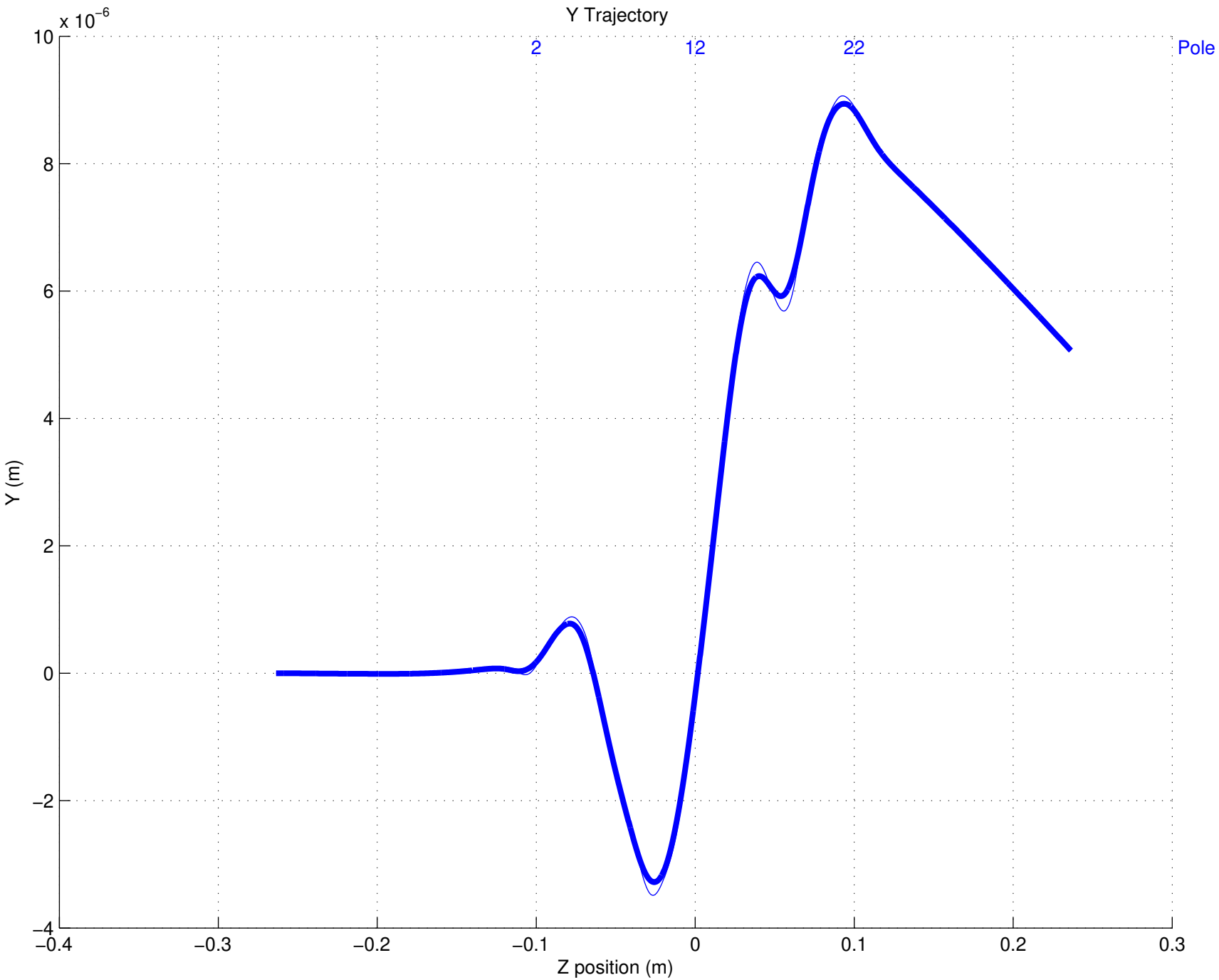
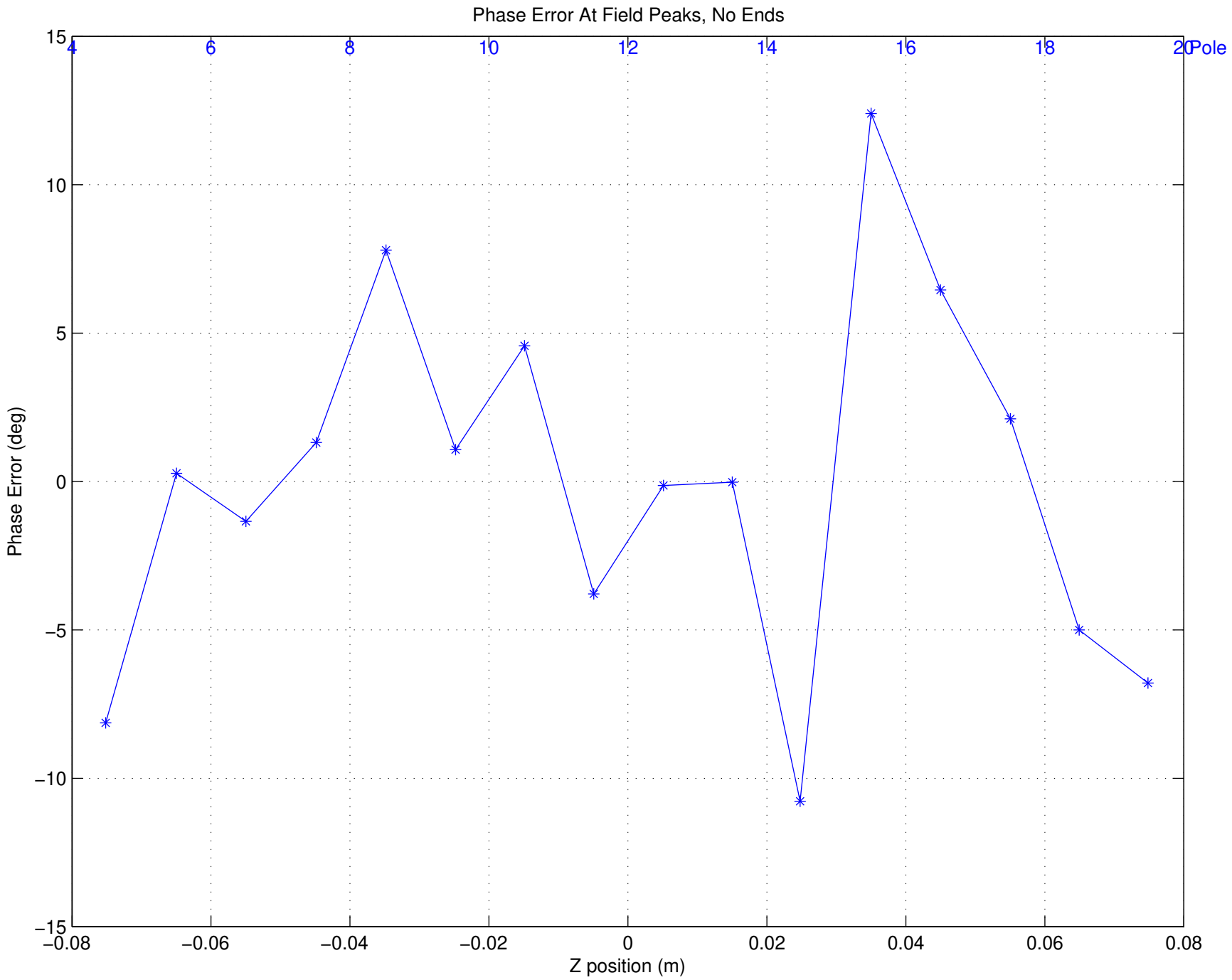

Bx vs Z
x 10^-3
8
6
4
2
0
−2
−4
−6
−8
Bx (T)
2
12
22
Pole
−0.4
−0.3
−0.2
−0.1
0
0.1
0.2
0.3
Z Position (m)

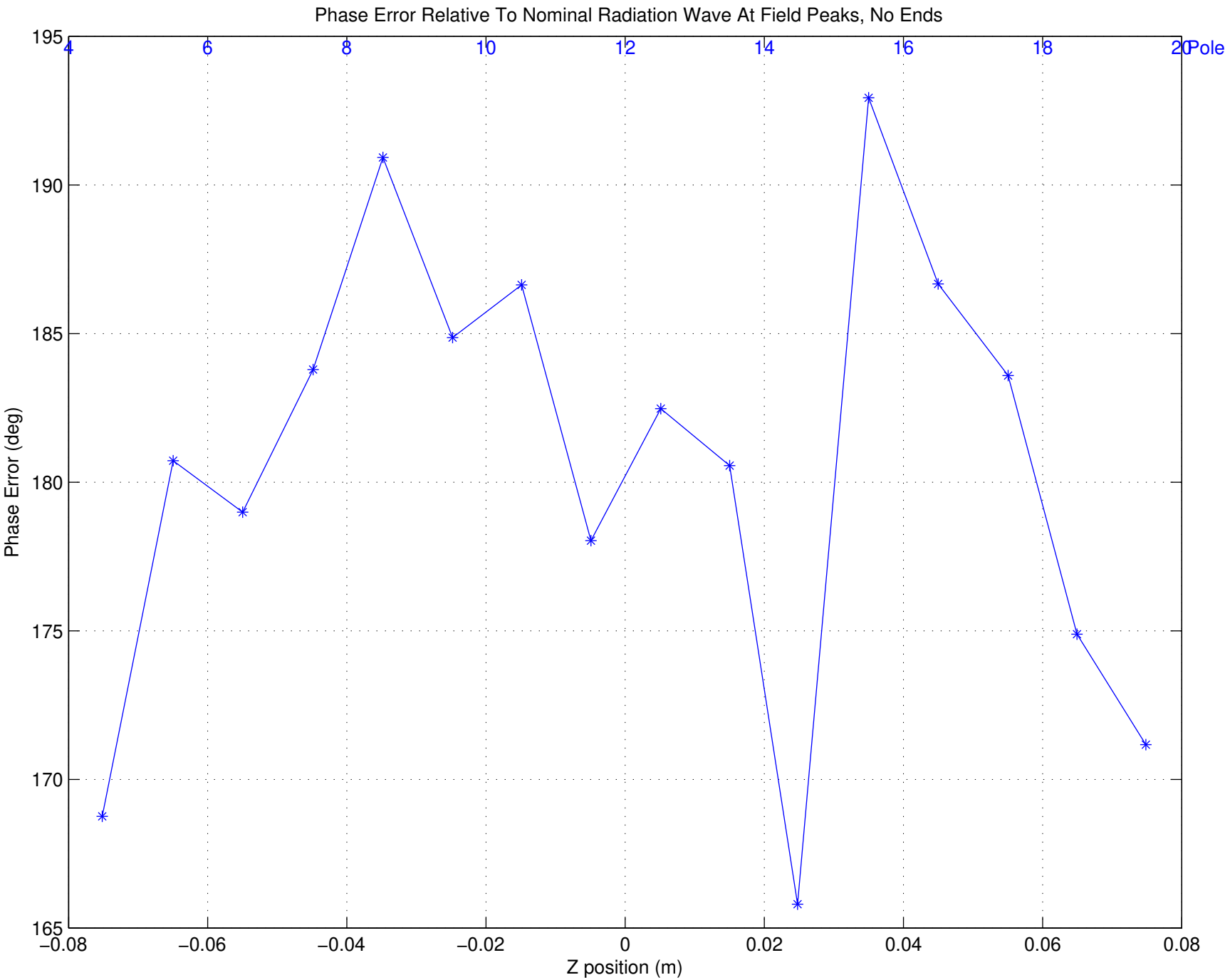

By vs Z
2
12
22
Pole
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
By (T)
−0.4
−0.3
−0.2
−0.1
0
0.1
0.2
0.3
Z Position (m)


X Trajectory
x 10^-5
2
1
0
−1
−2
−3
−4
X (m)
−0.4
−0.3
−0.2
−0.1
0
0.1
0.2
0.3
Z position (m)
2
12
22
Pole


Y Trajectory
x 10^-6
10
8
6
4
2
0
−2
−4
Y (m)
2
12
22
Pole
−0.4
−0.3
−0.2
−0.1
0
0.1
0.2
0.3
Z position (m)



Phase Error: Ave = 0.000000 deg, RMS = 6.076948 deg


Phase Error Relative To Nominal Radiation Wave At Field Peaks, No Ends
Phase Error (deg)
Z position (m)
Pole
195
190
185
180
175
170
165
4
6
8
10
12
14
16
18
20
−0.08
−0.06
−0.04
−0.02
0
0.02
0.04
0.06
0.08