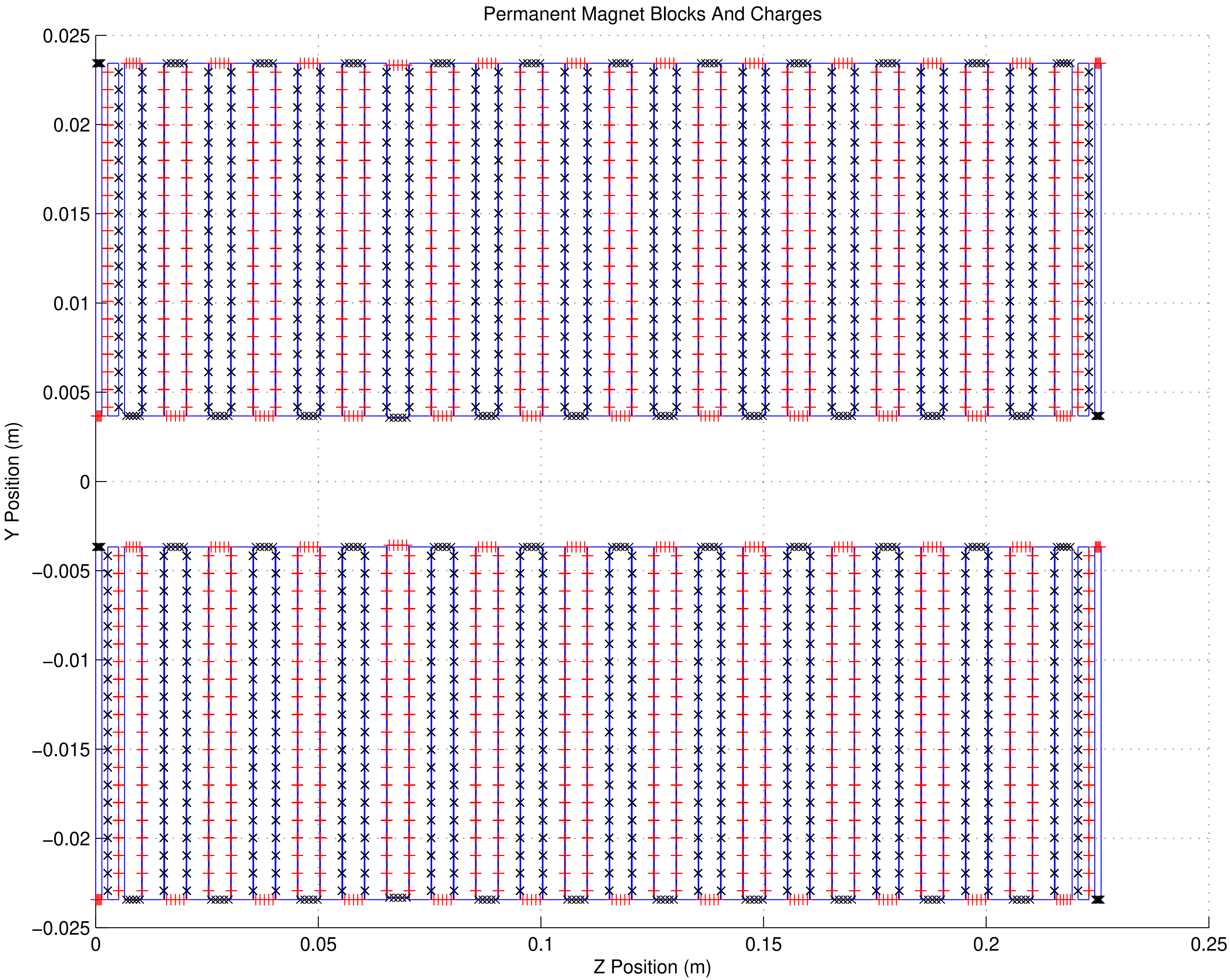
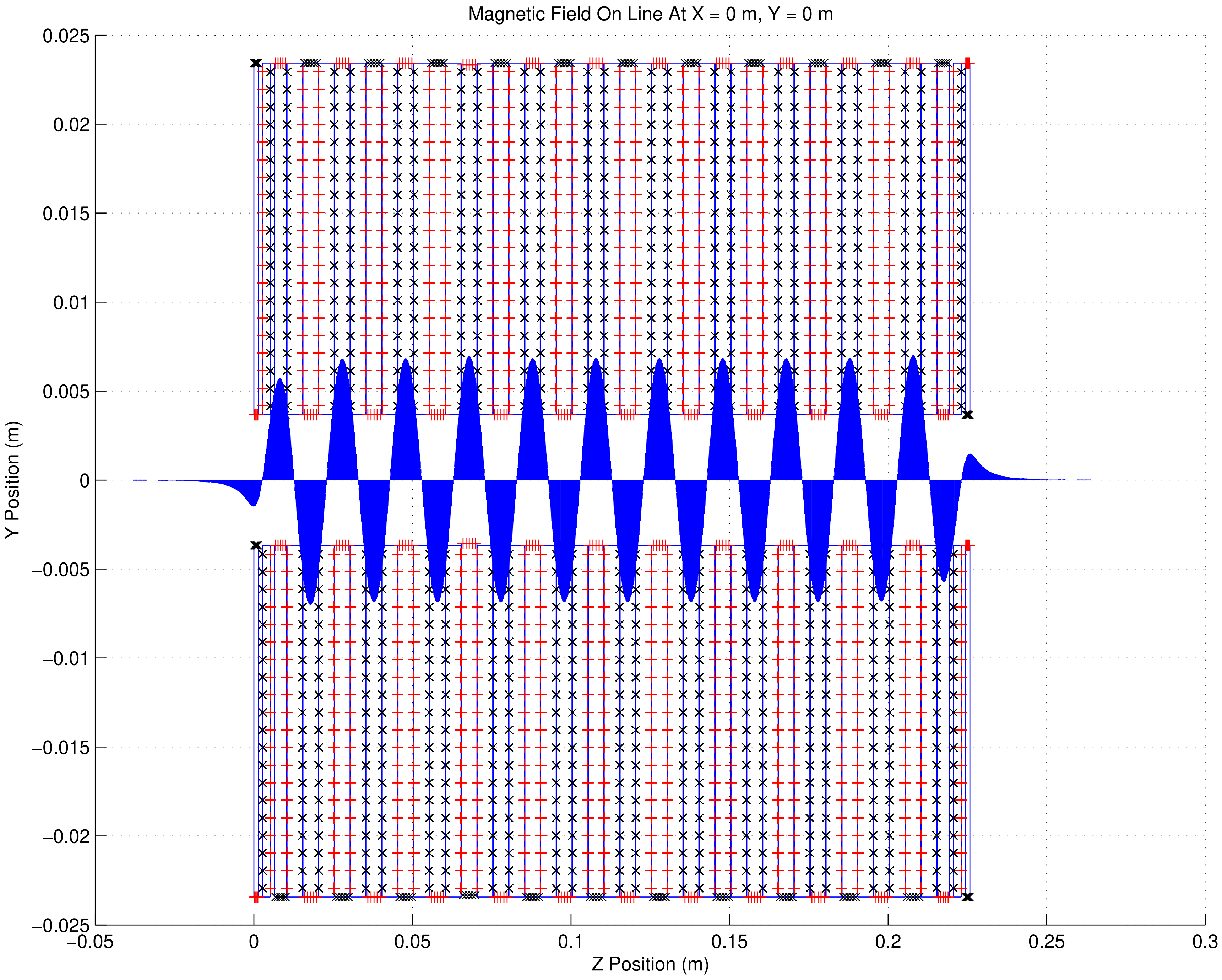
SLAC Magnetic Measurements

PPM Undulator Simulation

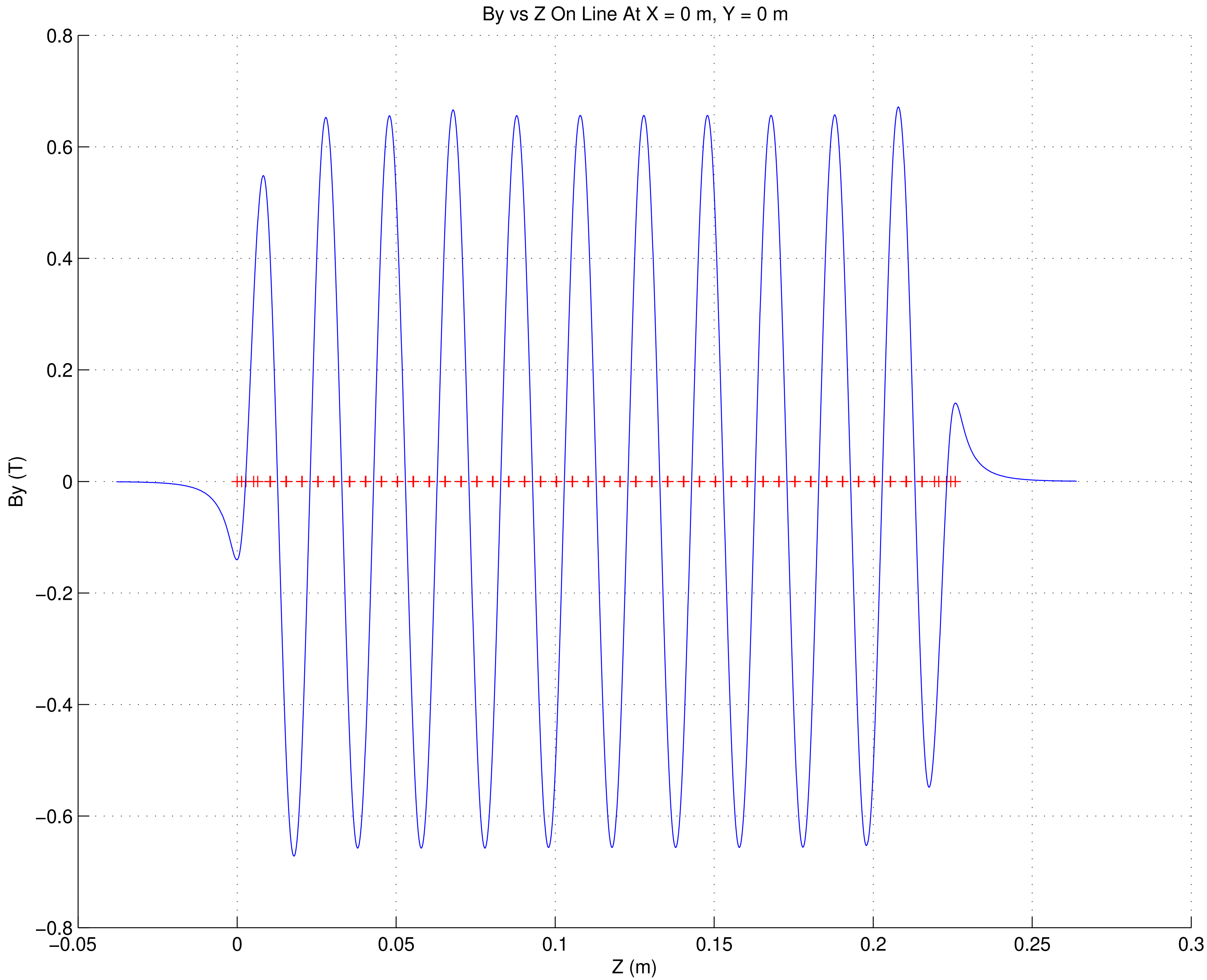
Parameters:
OUTPUT−FILE−DIR =C:\Magdata\Echo7 U20 Sim\Pole8 dgap−100mic\



Permanent Magnet Blocks And Charges
Y Position (m)
Z Position (m)
0.025
0.02
0.015
0.01
0.005
0
−0.005
−0.01
−0.015
−0.02
−0.025
0
0.05
0.1
0.15
0.2
0.25



Magnetic Field On Line At X = 0 m, Y = 0 m
Y Position (m)
Z Position (m)
0.025
0.02
0.015
0.01
0.005
0
−0.005
−0.01
−0.015
−0.02
−0.025
−0.05
0
0.05
0.1
0.15
0.2
0.25
0.3


By vs Z On Line At X = 0 m, Y = 0 m
By (T)
Z (m)
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−0.05
0
0.05
0.1
0.15
0.2
0.25
0.3