SLAC Magnetic Measurements

EPU Analysis
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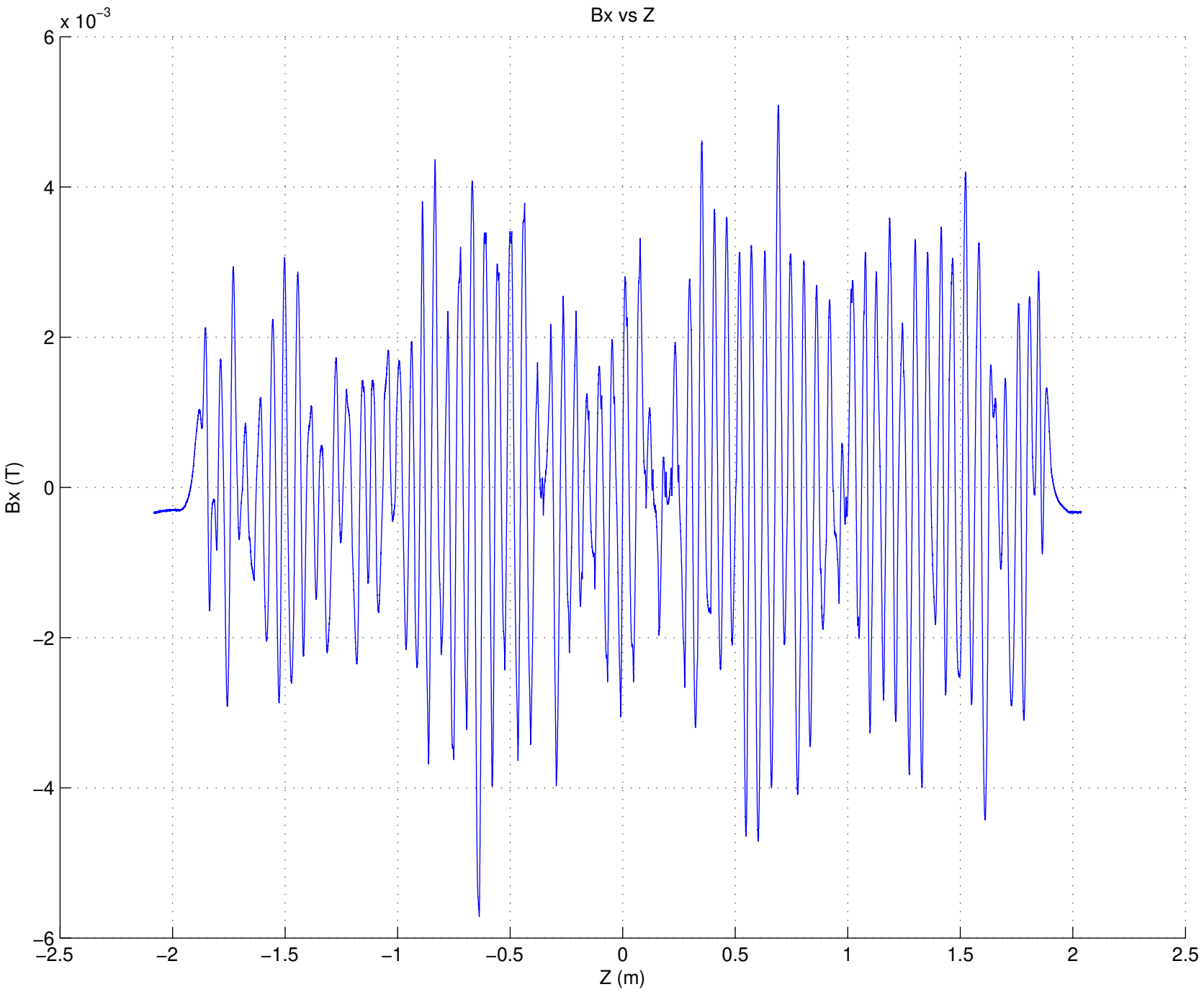
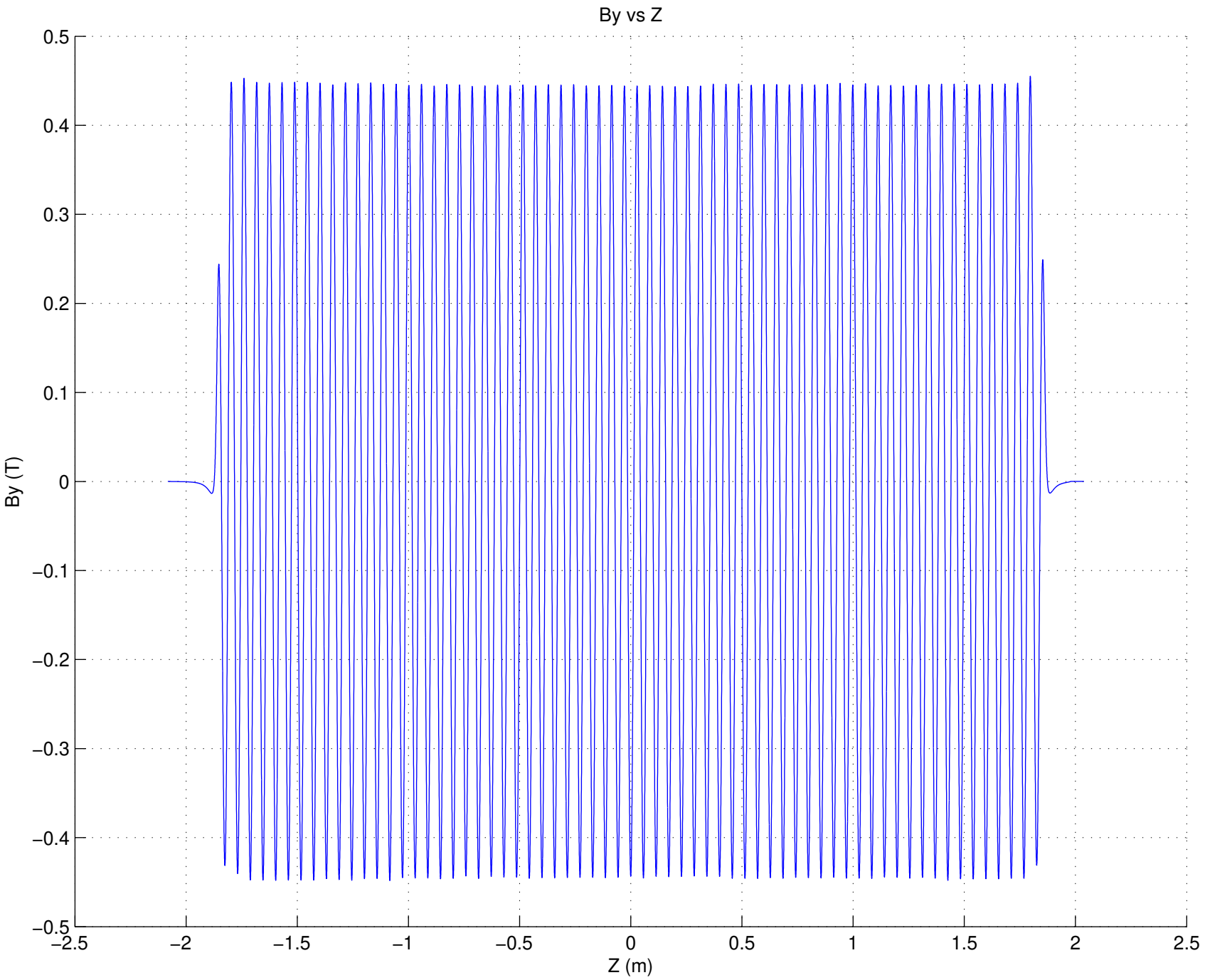
Parameters:
INPUT−FILE−DIR =S:\MagData\LCLS\Undulator\EPU\DATASET0001\Rough Tuning\Z Scans\Run 235\
INPUT−FILE−NAME =x+00000−y+000−bscanz.dat
INPUT−FILE−TYPE =ZVXYZBXYZH
CORR−REQUIRED =1
GAMMA =26627.1
NOM−LAMBDA−U =0.057032
NOM−K−VALUE =2.3863
NOM−LAMBDA−R =1.5474e−010
NUM−POLES =131
NUM−END−POLES =4
CELL−LENGTH =4


Bx vs Z
x 10^-3
6
4
2
0
−2
−4
−6
Bx (T)
−2.5
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
2.5
Z (m)


By vs Z
By (T)
Z (m)
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
−2.5
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
2.5