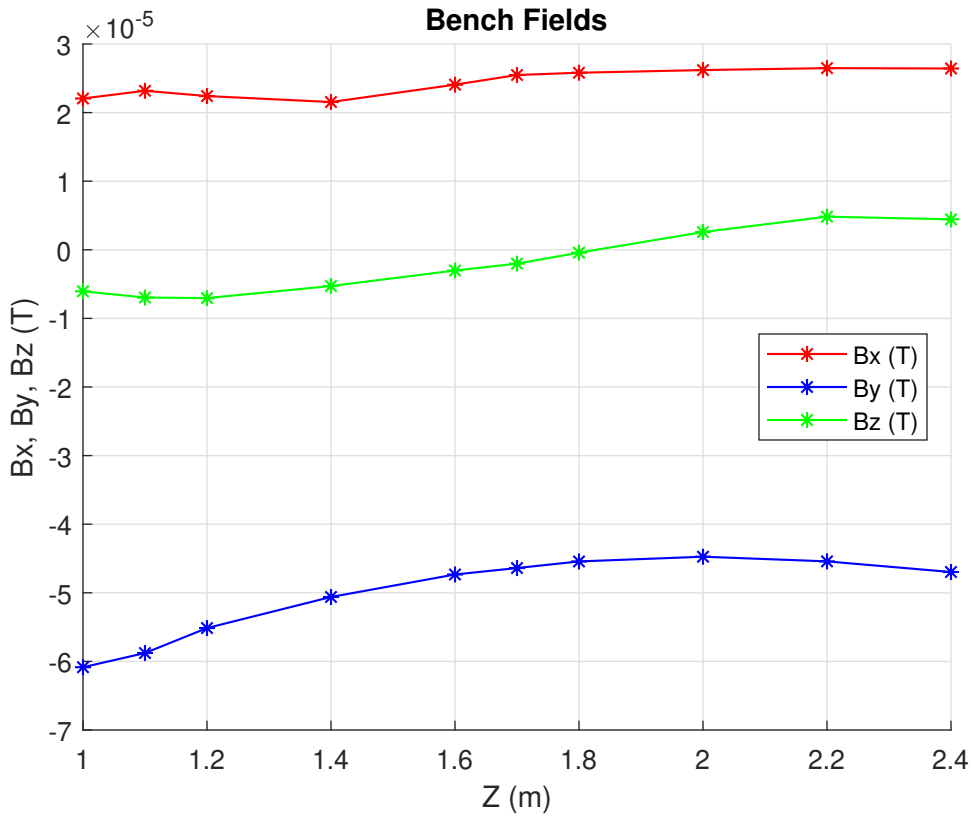
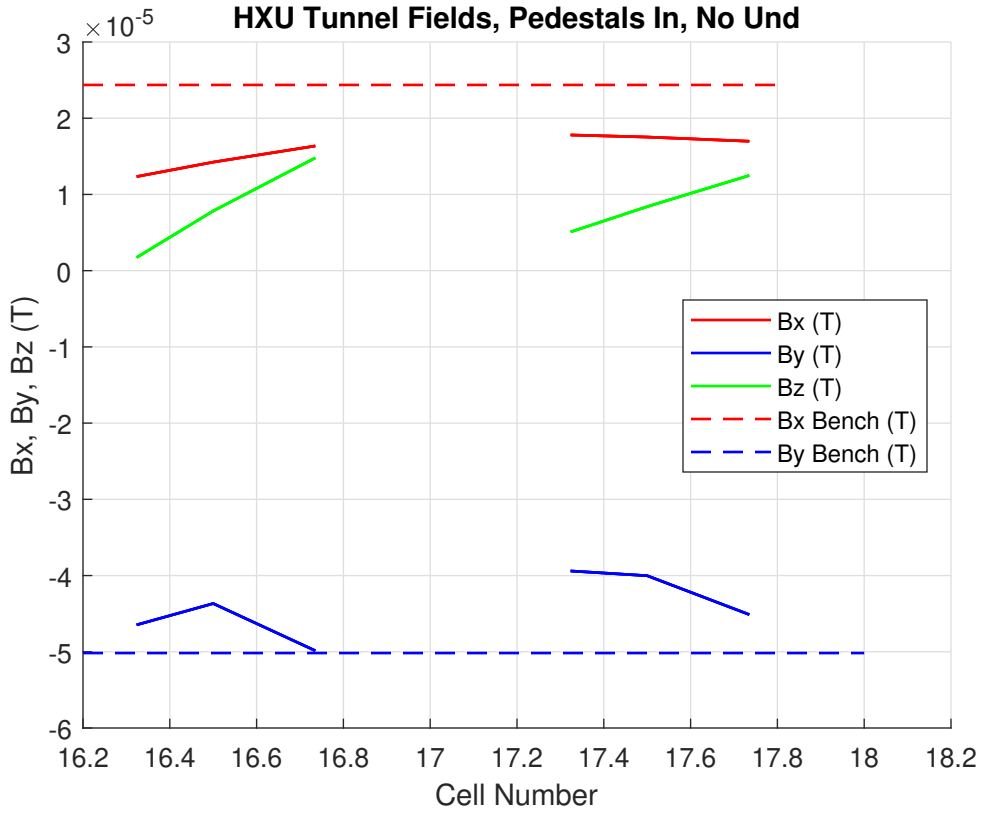
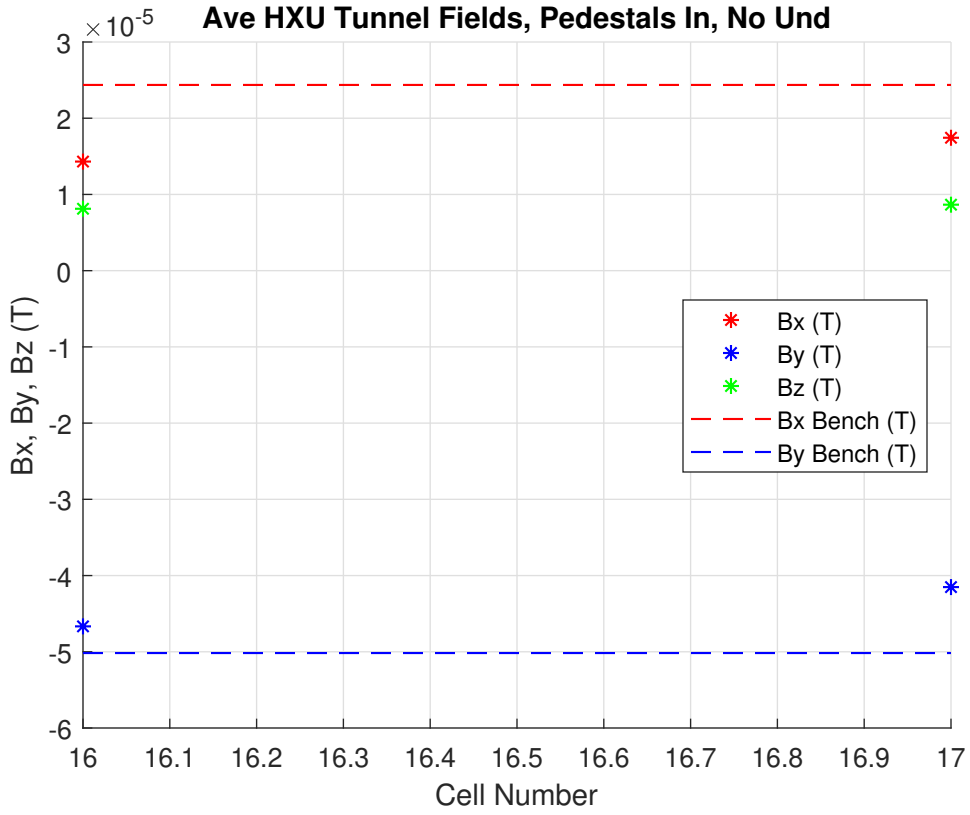
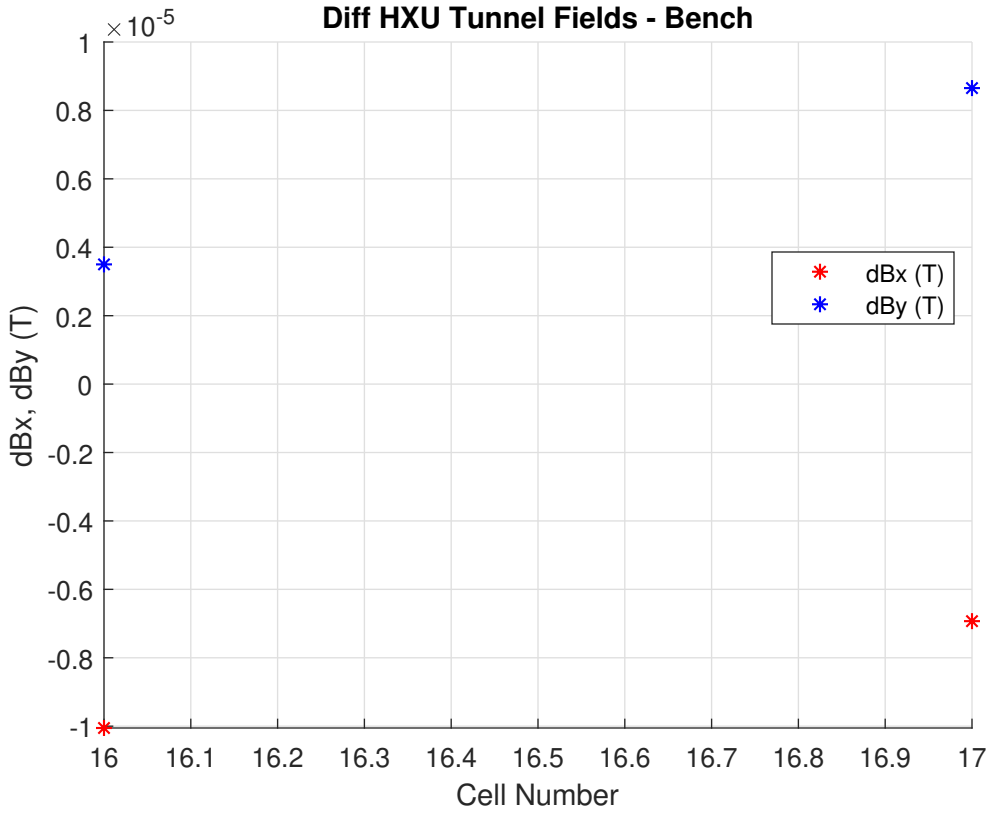
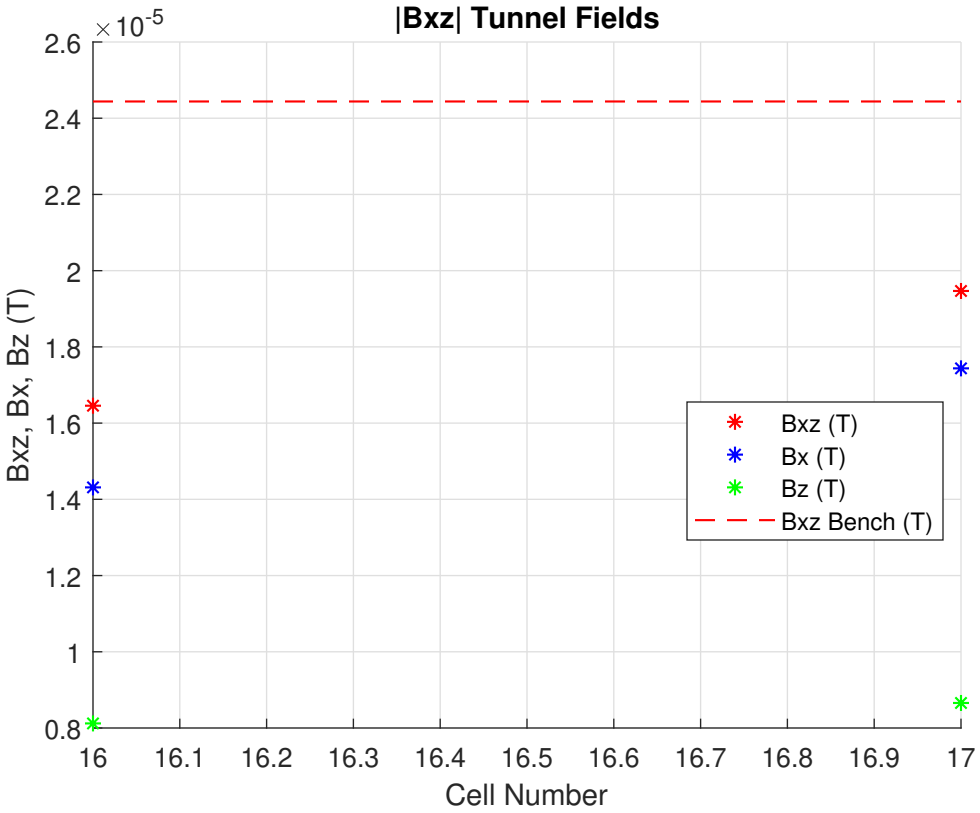
SLAC Magnetic Measurements#
Date: 01-05-2021#
Time: 12:49:57#

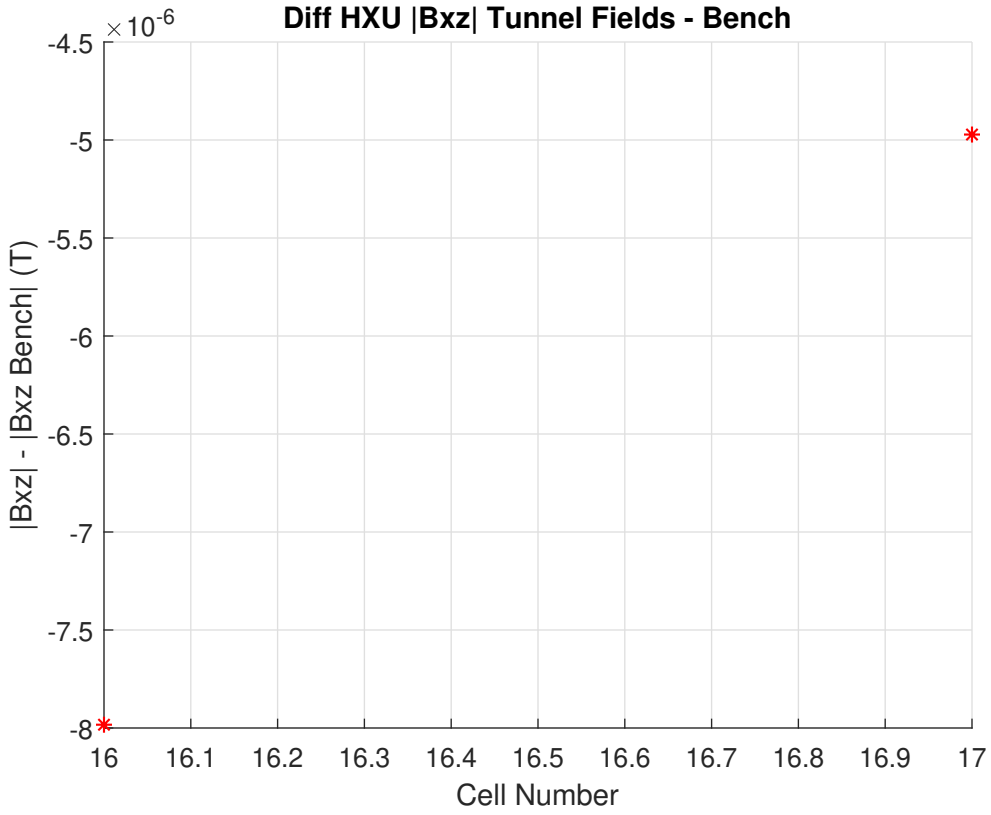

Bench Fields
×10^-5
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
Bx, By, Bz (T)
1
1.2
1.4
1.6
1.8
2
2.2
2.4
Z (m)
Bx (T)
By (T)
Bz (T)


HXU Tunnel Fields, Pedestals In, No Und
×10^-5
3
2
1
0
-1
-2
-3
-4
-5
-6
Bx, By, Bz (T)
16.2
16.4
16.6
16.8
17
17.2
17.4
17.6
17.8
18
18.2
Cell Number
Bx (T)
By (T)
Bz (T)
Bx Bench (T)
By Bench (T)


Ave HXU Tunnel Fields, Pedestals In, No Und
×10-5
3
2
1
0
-1
-2
-3
-4
-5
-6
Bx, By, Bz (T)
16
16.1
16.2
16.3
16.4
16.5
16.6
16.7
16.8
16.9
17
Cell Number
Bx (T)
By (T)
Bz (T)
Bx Bench (T)
By Bench (T)


Diff HXU Tunnel Fields - Bench
×10-5
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
dBx, dBy (T)
16
16.1
16.2
16.3
16.4
16.5
16.6
16.7
16.8
16.9
17
Cell Number
dBx (T)
dBy (T)


|Bxz| Tunnel Fields
×10^-5
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
Bxz, Bx, Bz (T)
16
16.1
16.2
16.3
16.4
16.5
16.6
16.7
16.8
16.9
17
Cell Number
Bxz (T)
Bx (T)
Bz (T)
Bxz Bench (T)


Diff HXU |Bxz| Tunnel Fields - Bench
×10^-6
-4.5
-5
-5.5
-6
-6.5
-7
-7.5
-8
|Bxz| - |Bxz Bench| (T)
16
16.1
16.2
16.3
16.4
16.5
16.6
16.7
16.8
16.9
17
Cell Number