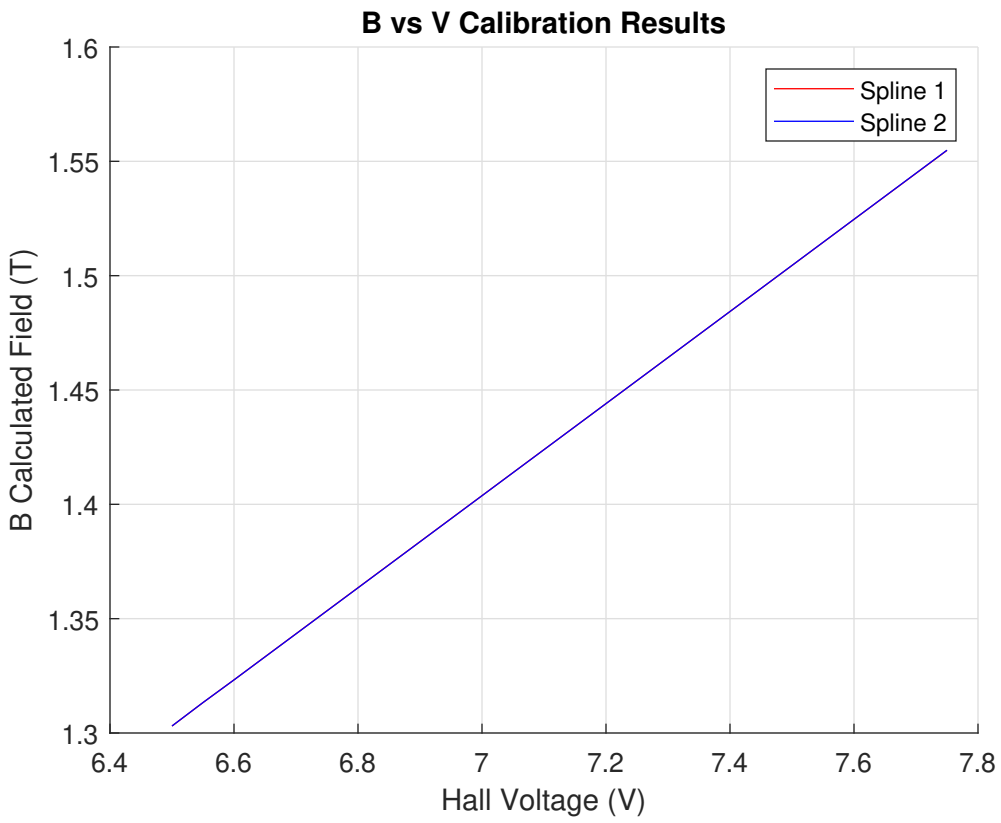
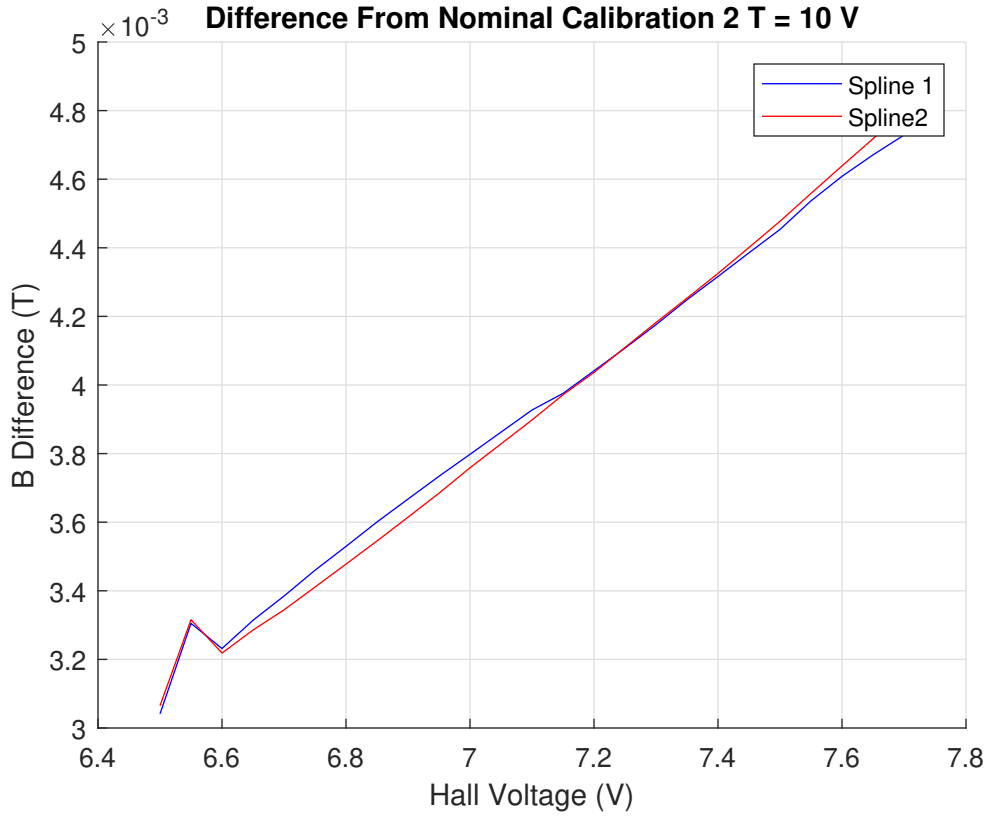
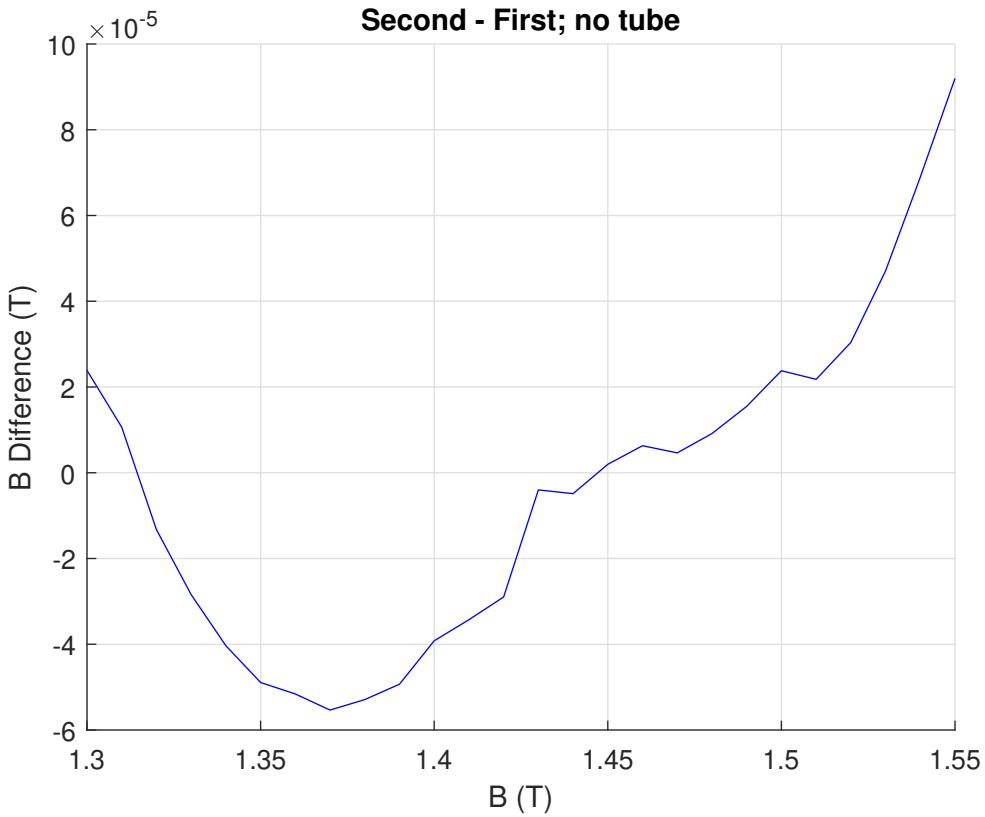
SLAC Magnetic Measurements#
Date: 11-10-2023#
Time: 11:03:09#


B vs V Calibration Results
Spline 1
Spline 2
B Calculated Field (T)
Hall Voltage (V)
1.6
1.55
1.5
1.45
1.4
1.35
1.3
6.4
6.6
6.8
7
7.2
7.4
7.6
7.8


Difference From Nominal Calibration 2 T = 10 V
×10-3
5
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
B Difference (T)
6.4
6.6
6.8
7
7.2
7.4
7.6
7.8
Hall Voltage (V)
Spline 1
Spline2


Second - First; no tube
×10^-5
10
8
6
4
2
0
-2
-4
-6
B Difference (T)
1.3
1.35
1.4
1.45
1.5
1.55
B (T)