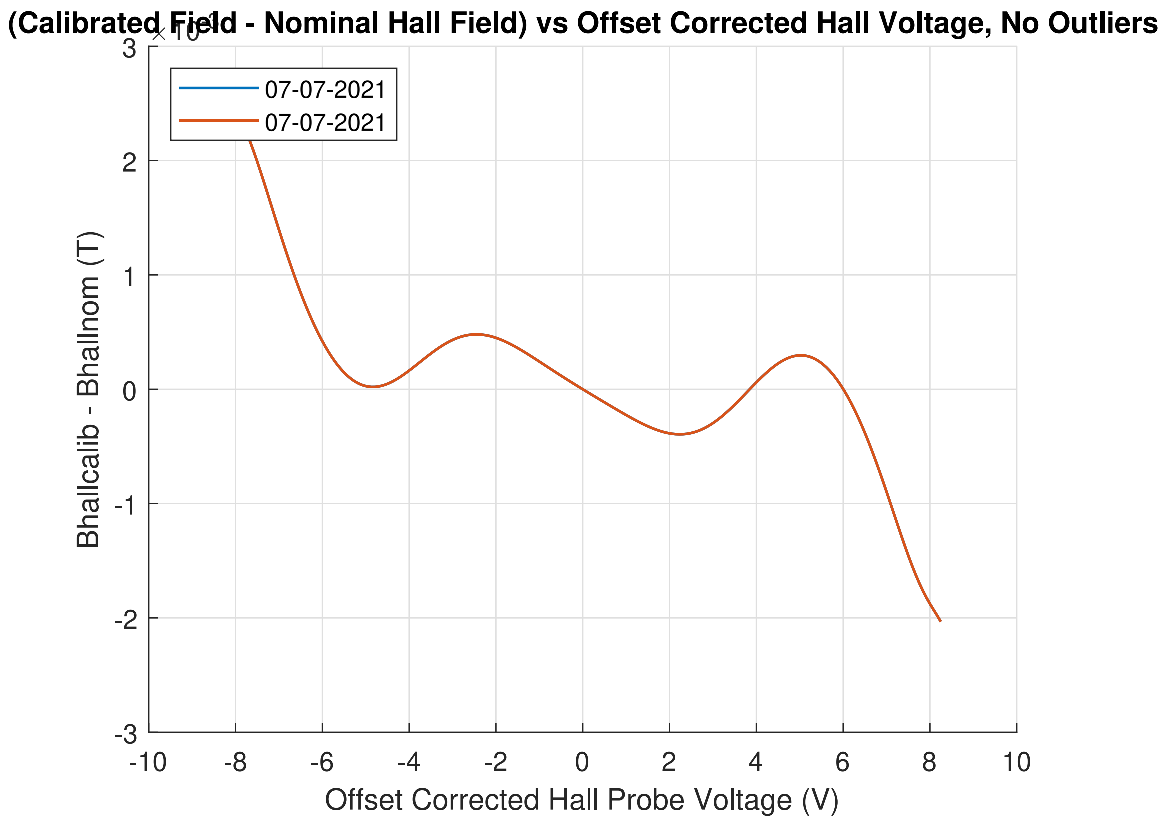
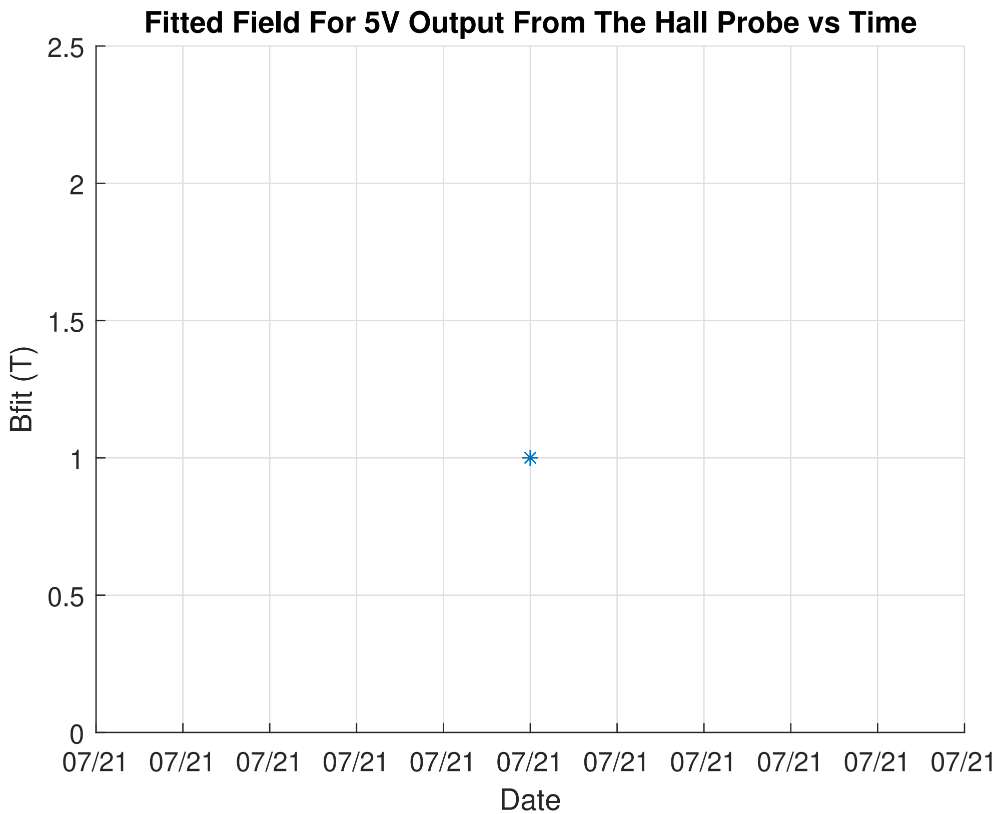
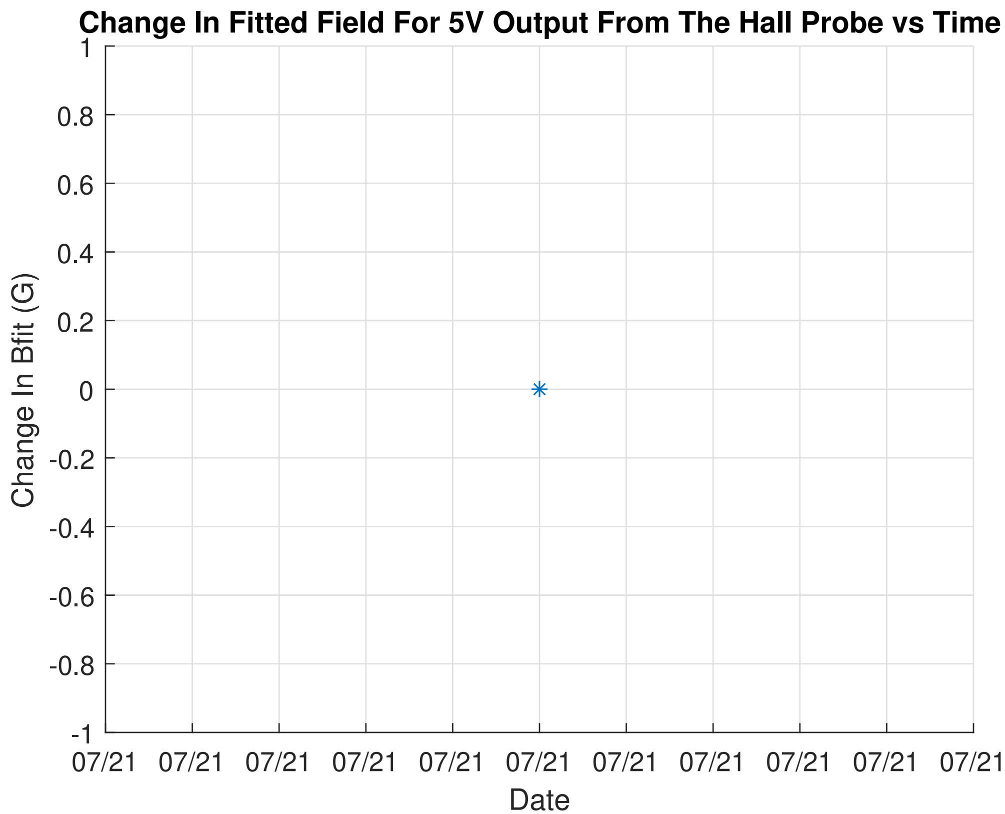
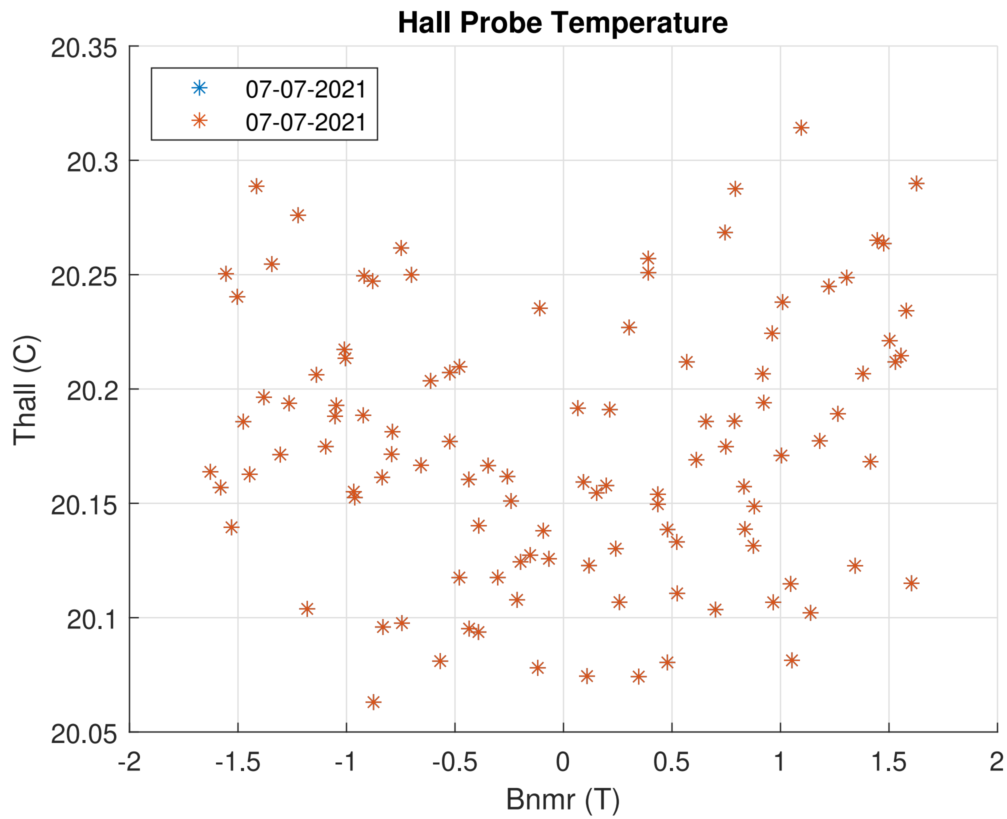
SLAC Magnetic Measurements
Hall Probe Calibration History

Hall Probe: SENIS-27-14

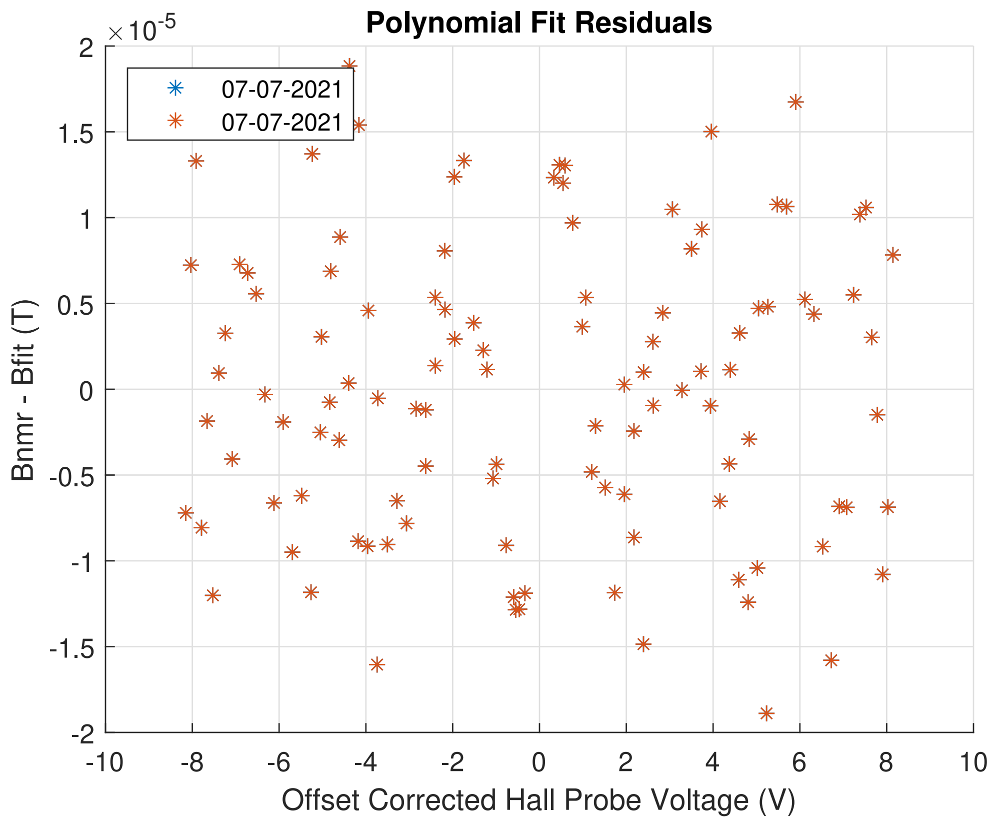

(Calibrated Field - Nominal Hall Field) vs Offset Corrected Hall Voltage, No Outliers
07-07-2021
07-07-2021
Bhallcalib - Bhallnom (T)
Offset Corrected Hall Probe Voltage (V)
3
2
1
0
-1
-2
-3
-10
-8
-6
-4
-2
0
2
4
6
8
10

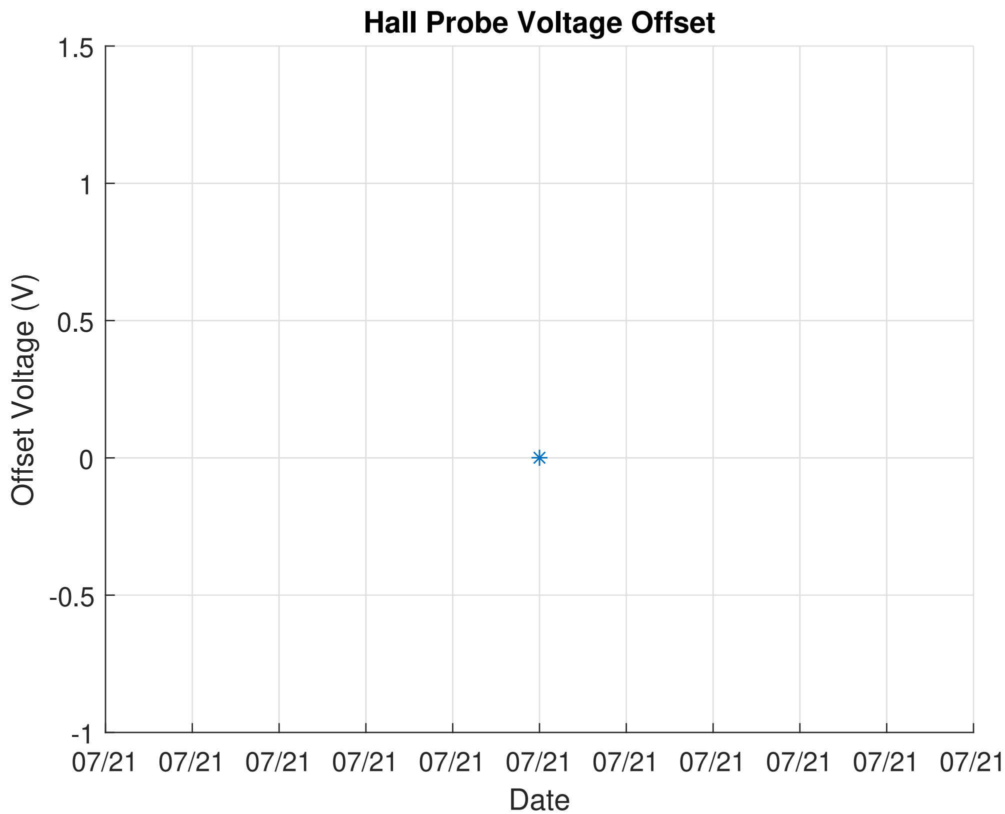

Fitted Field For 5V Output From The Hall Probe vs Time
2.5
2
1.5
1
0.5
0
Bfit (T)
07/21 07/21 07/21 07/21 07/21 07/21 07/21 07/21 07/21 07/21 07/21
Date


Change In Fitted Field For 5V Output From The Hall Probe vs Time
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
Change In Bfit (G)
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
Date

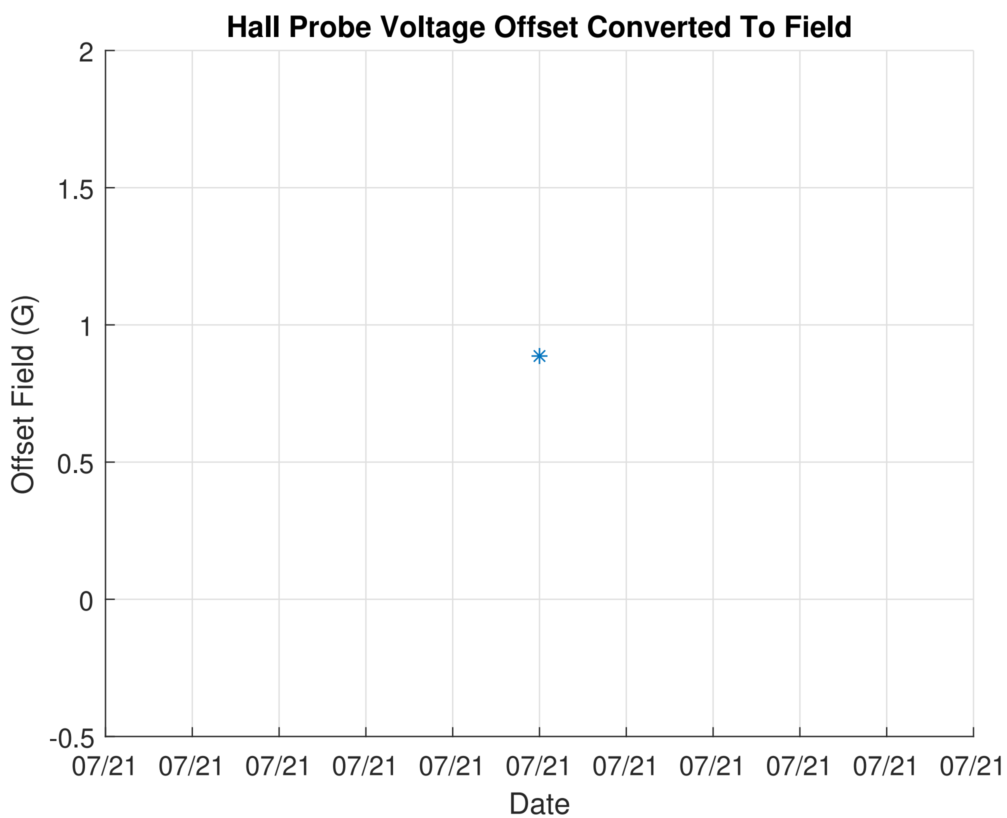


Hall Probe Temperature
07-07-2021
07-07-2021
20.35
20.3
20.25
20.2
20.15
20.1
20.05
Thall (C)
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
Bnmr (T)


Polynomial Fit Residuals
×10^-5
07-07-2021
07-07-2021
Bnmr - Bfit (T)
Offset Corrected Hall Probe Voltage (V)
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-10
-8
-6
-4
-2
0
2
4
6
8
10



Hall Probe Voltage Offset
1.5
1
0.5
0
-0.5
-1
Offset Voltage (V)
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
Date


Hall Probe Voltage Offset Converted To Field
2
1.5
1
0.5
0
-0.5
Offset Field (G)
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
07/21
Date