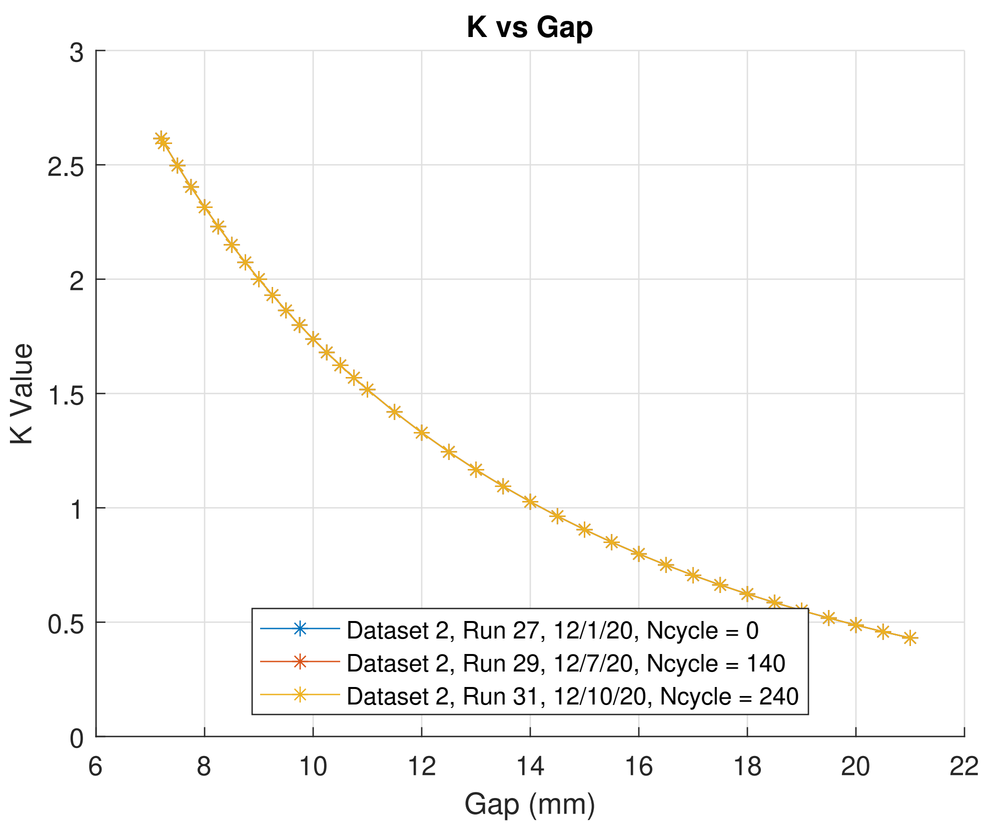
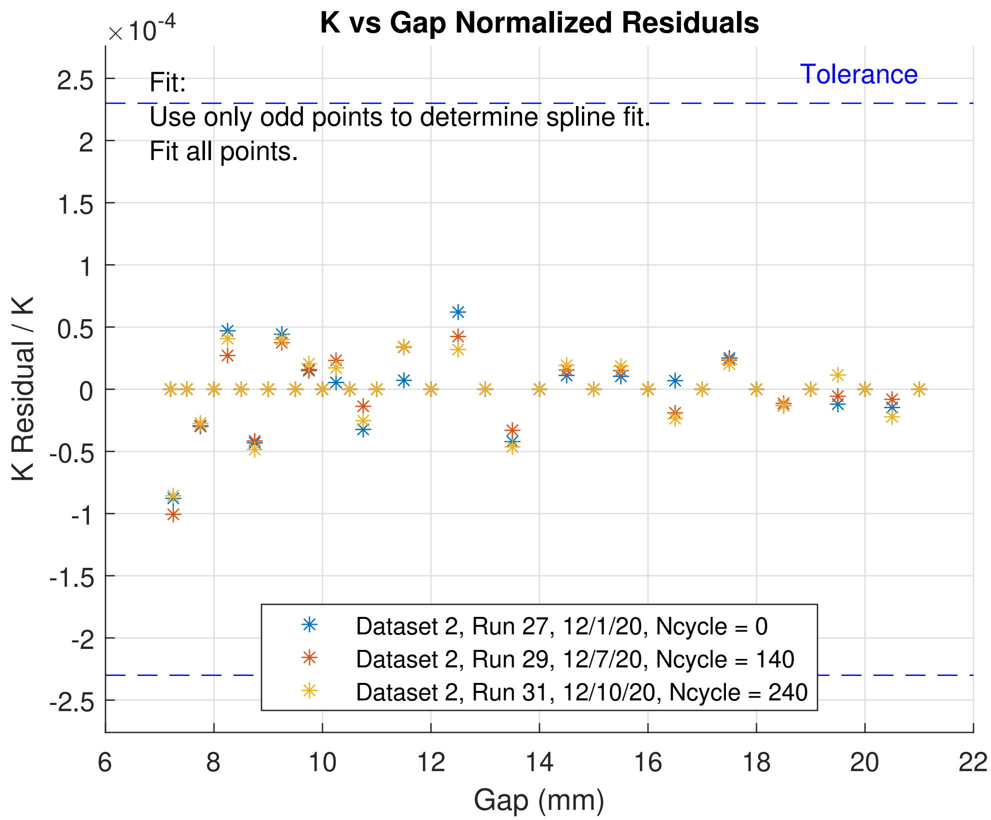
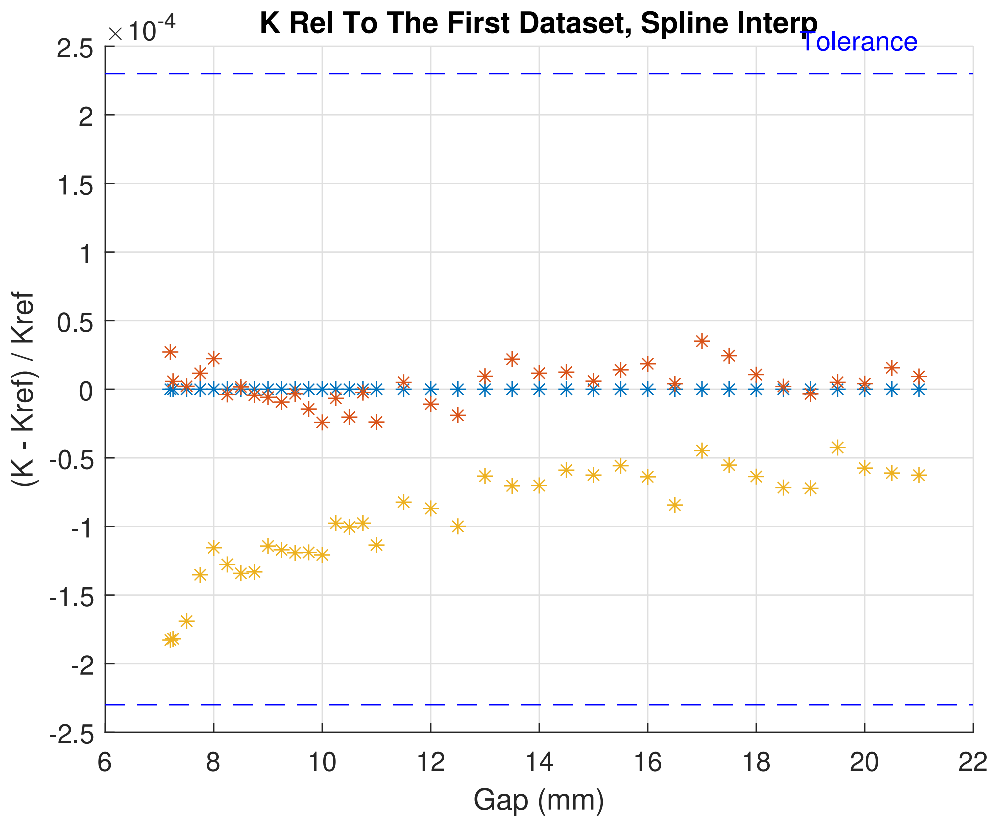
SLAC Magnetic Measurements#
Date: 12-11-2020#
Time: 07:36:29#

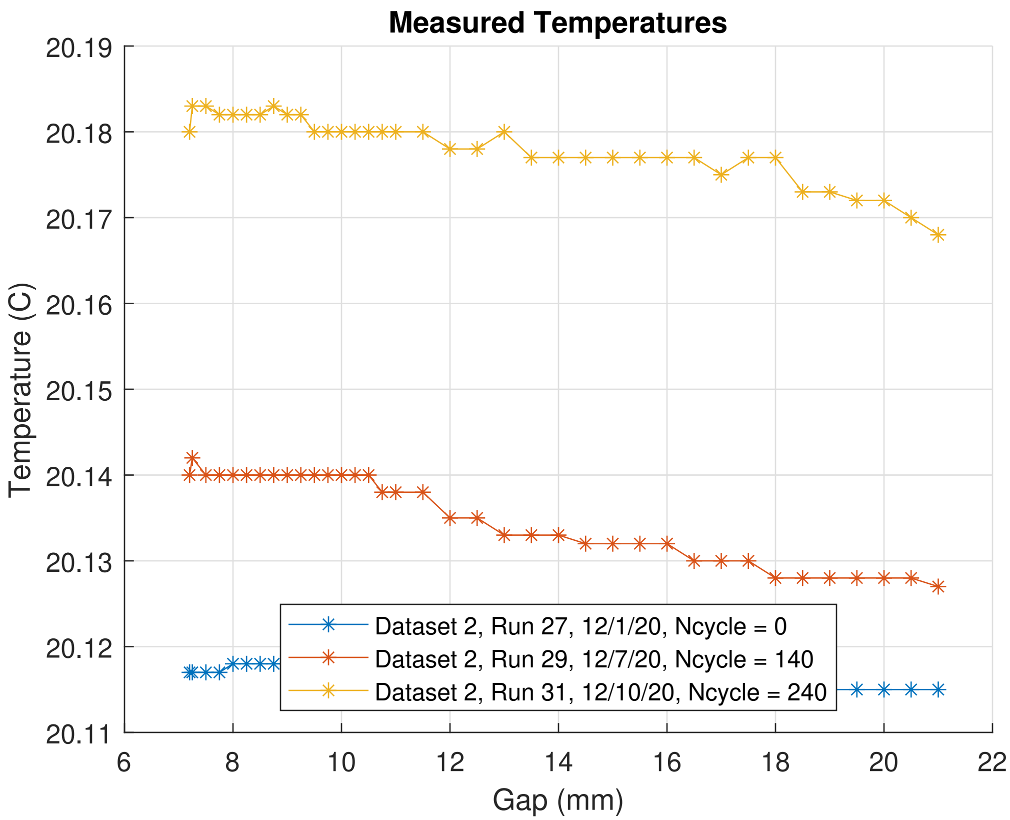


K vs Gap
K Value
Gap (mm)
0
0.5
1
1.5
2
2.5
3
6
8
10
12
14
16
18
20
22
Dataset 2, Run 27, 12/1/20, Ncycle = 0
Dataset 2, Run 29, 12/7/20, Ncycle = 140
Dataset 2, Run 31, 12/10/20, Ncycle = 240

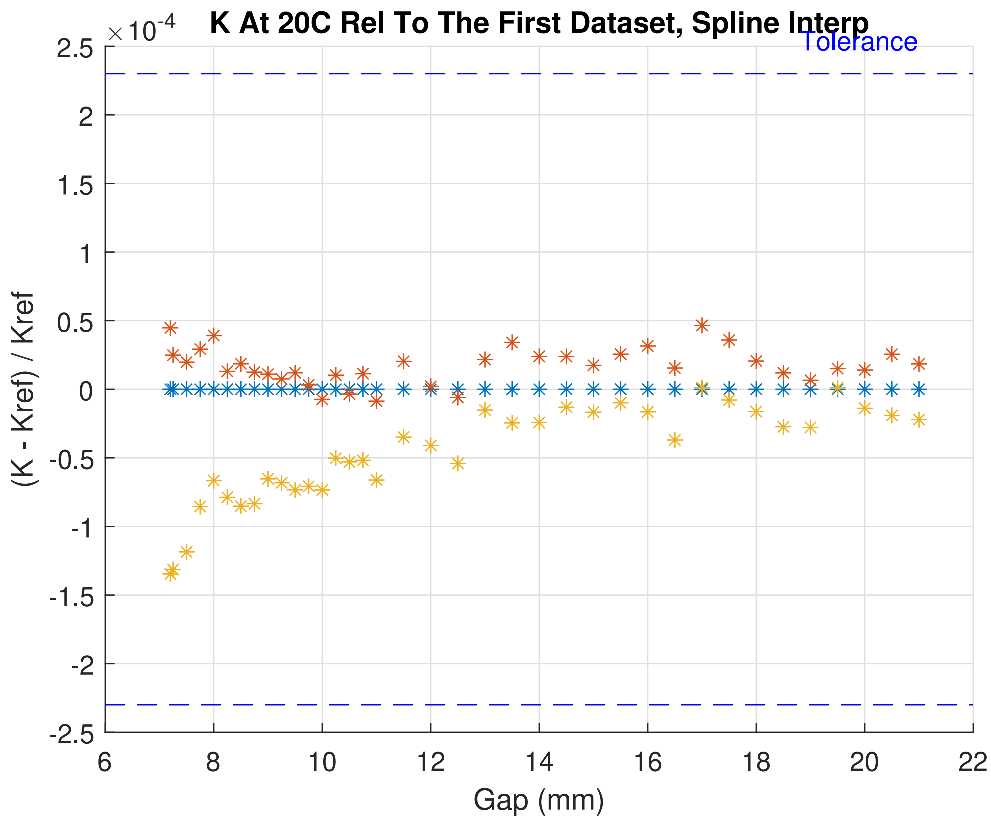

K vs Gap Normalized Residuals
×10^-4
Fit:
Use only odd points to determine spline fit.
Fit all points.
Tolerance
K Residual / K
Gap (mm)
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
6
8
10
12
14
16
18
20
22
Dataset 2, Run 27, 12/1/20, Ncycle = 0
Dataset 2, Run 29, 12/7/20, Ncycle = 140
Dataset 2, Run 31, 12/10/20, Ncycle = 240



K Rel To The First Dataset, Spline Interp
Tolerance
×10^-4
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
(K - Kref) / Kref
6
8
10
12
14
16
18
20
22
Gap (mm)



Measured Temperatures
20.19
20.18
20.17
20.16
20.15
20.14
20.13
20.12
20.11
Temperature (C)
6
8
10
12
14
16
18
20
22
Gap (mm)
Dataset 2, Run 27, 12/1/20, Ncycle = 0
Dataset 2, Run 29, 12/7/20, Ncycle = 140
Dataset 2, Run 31, 12/10/20, Ncycle = 240



K At 20C Rel To The First Dataset, Spline Interp
Tolerance
×10^-4
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
(K - Kref) / Kref
6
8
10
12
14
16
18
20
22
Gap (mm)