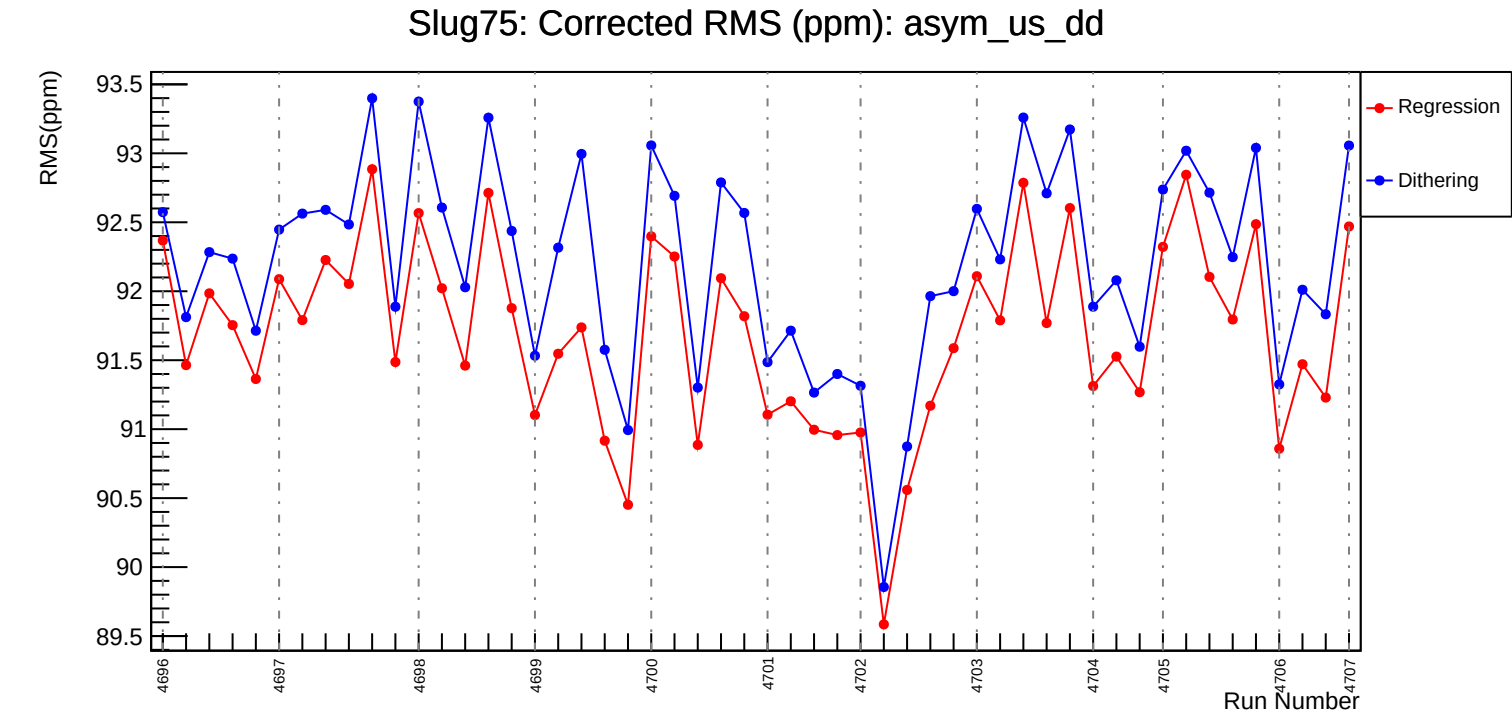
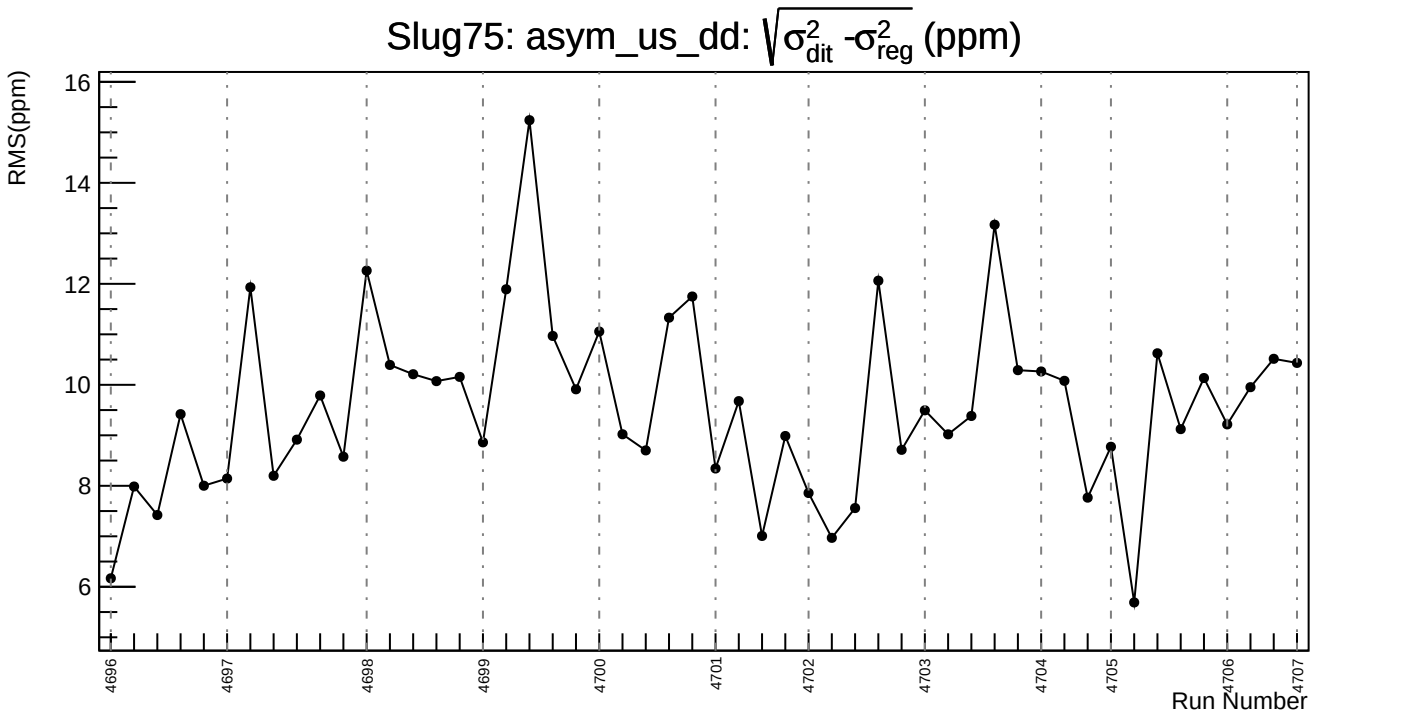
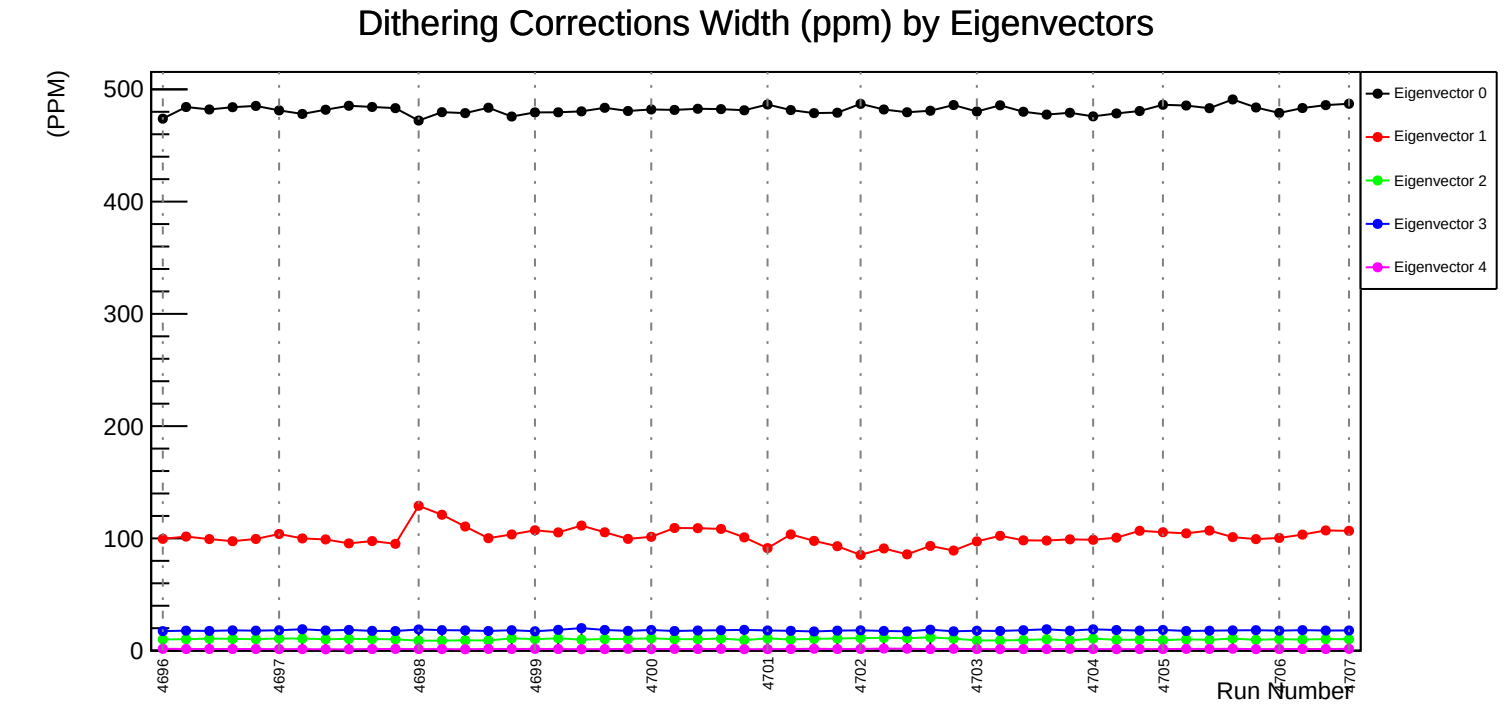
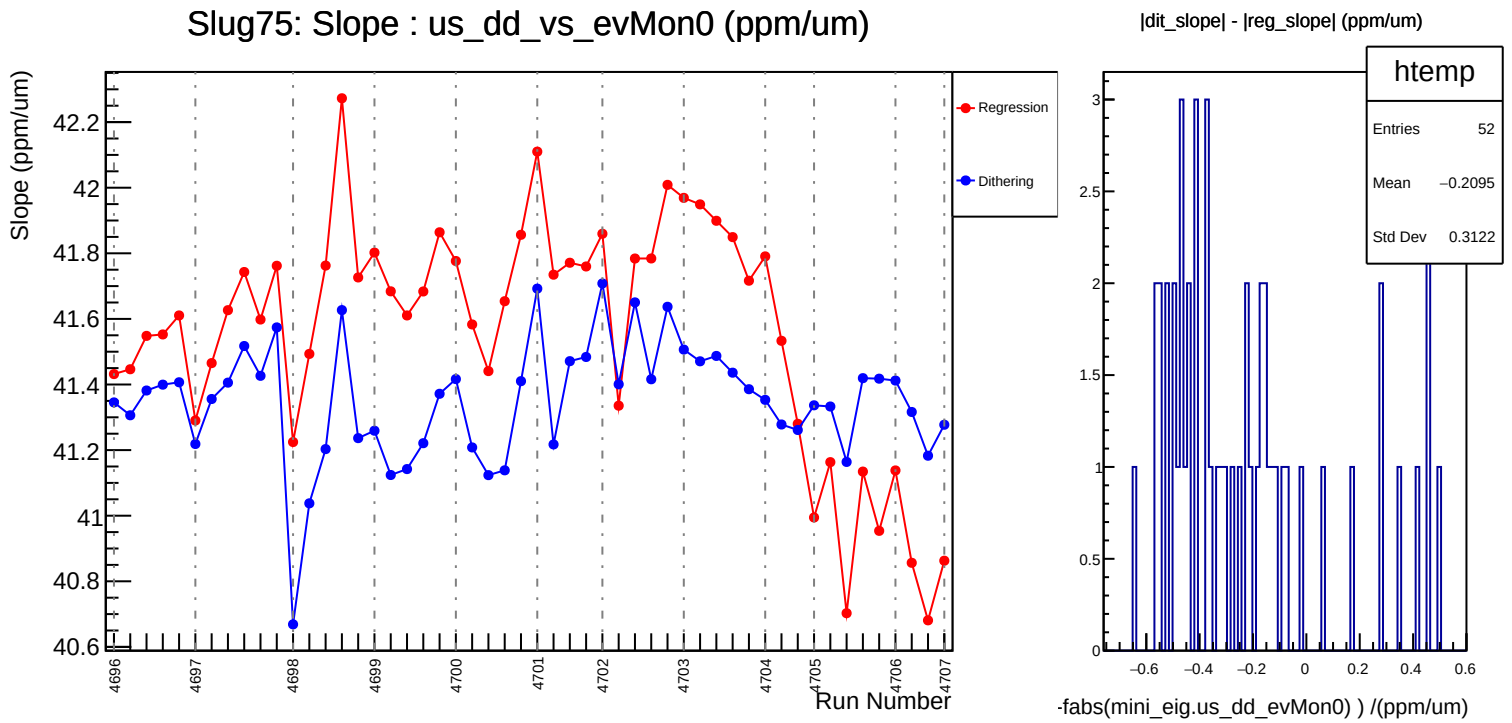
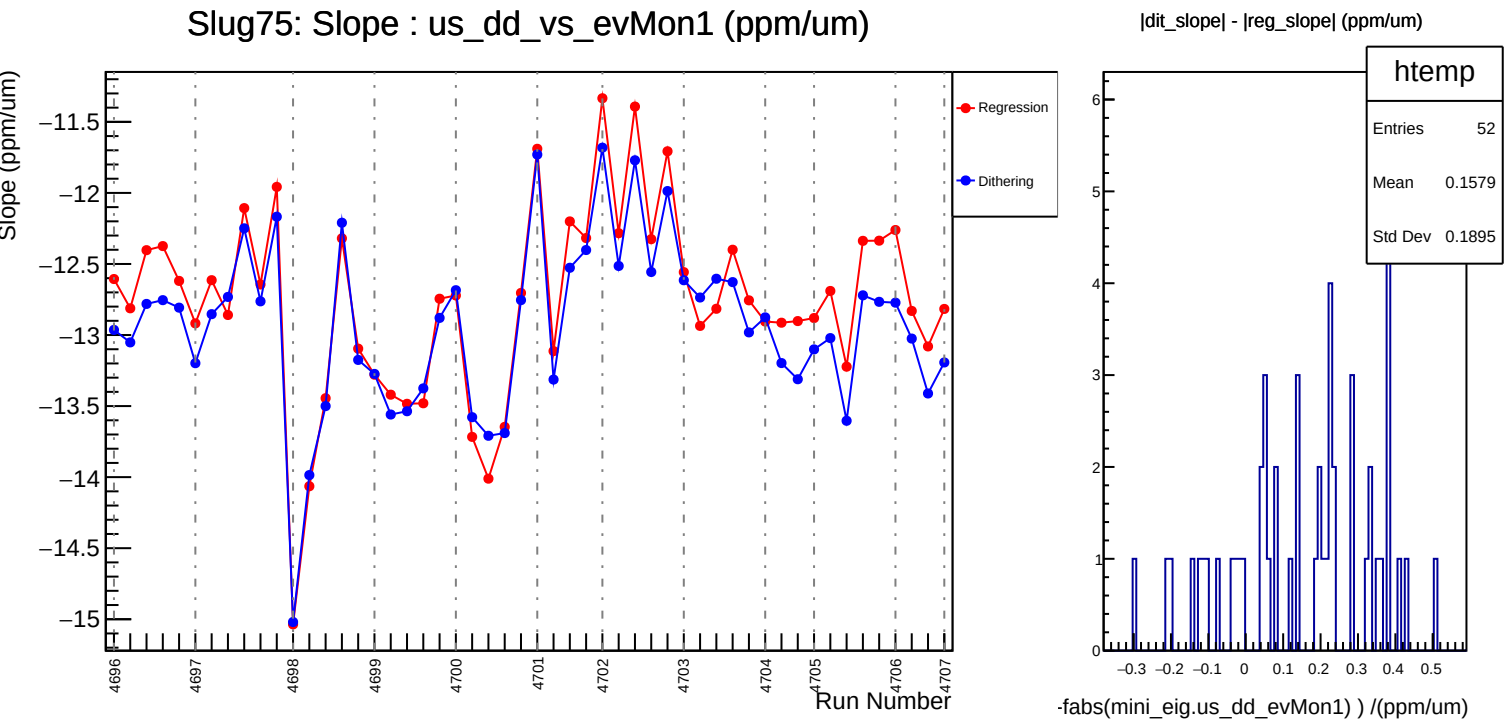
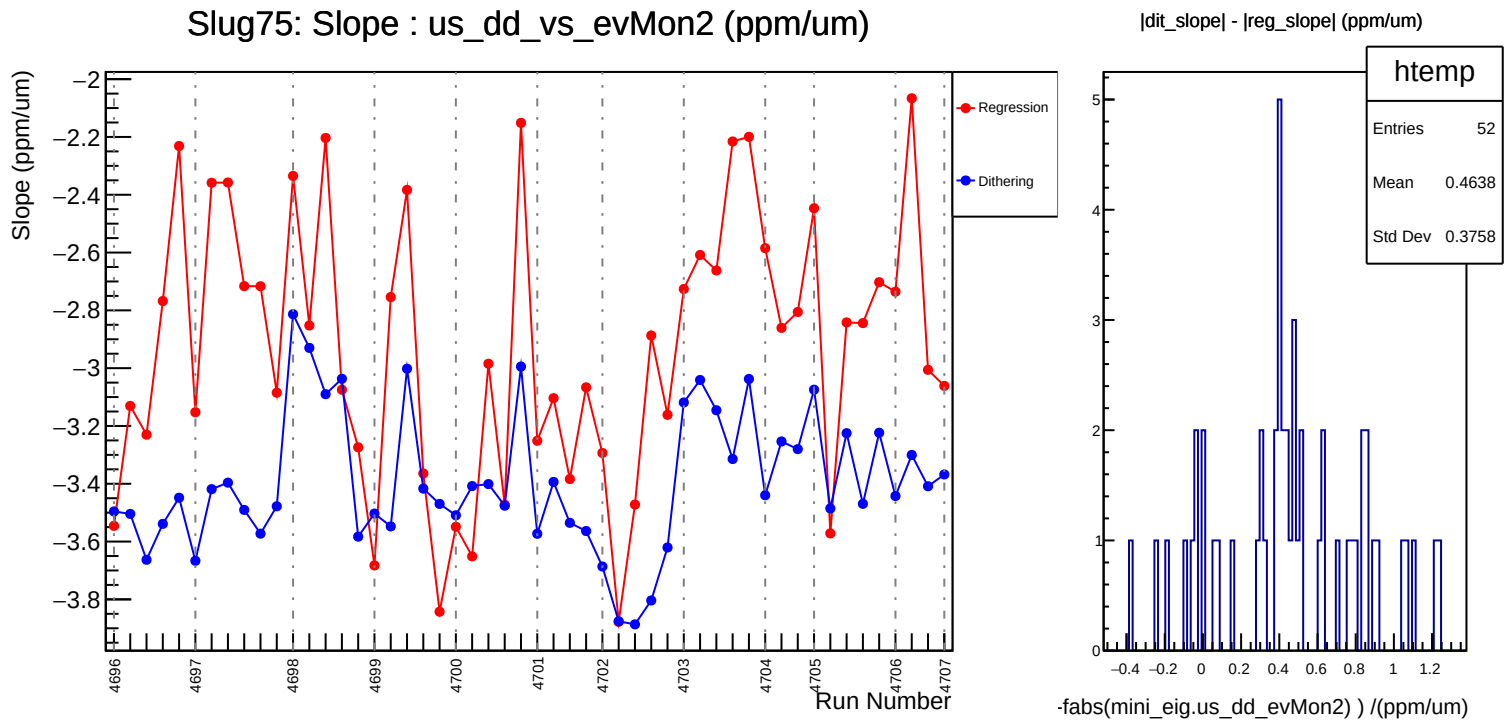

Slug75: Corrected RMS (ppm): asym_us_dd
RMS(ppm)
93.5
93
92.5
92
91.5
91
90.5
90
89.5
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number
Regression
Dithering

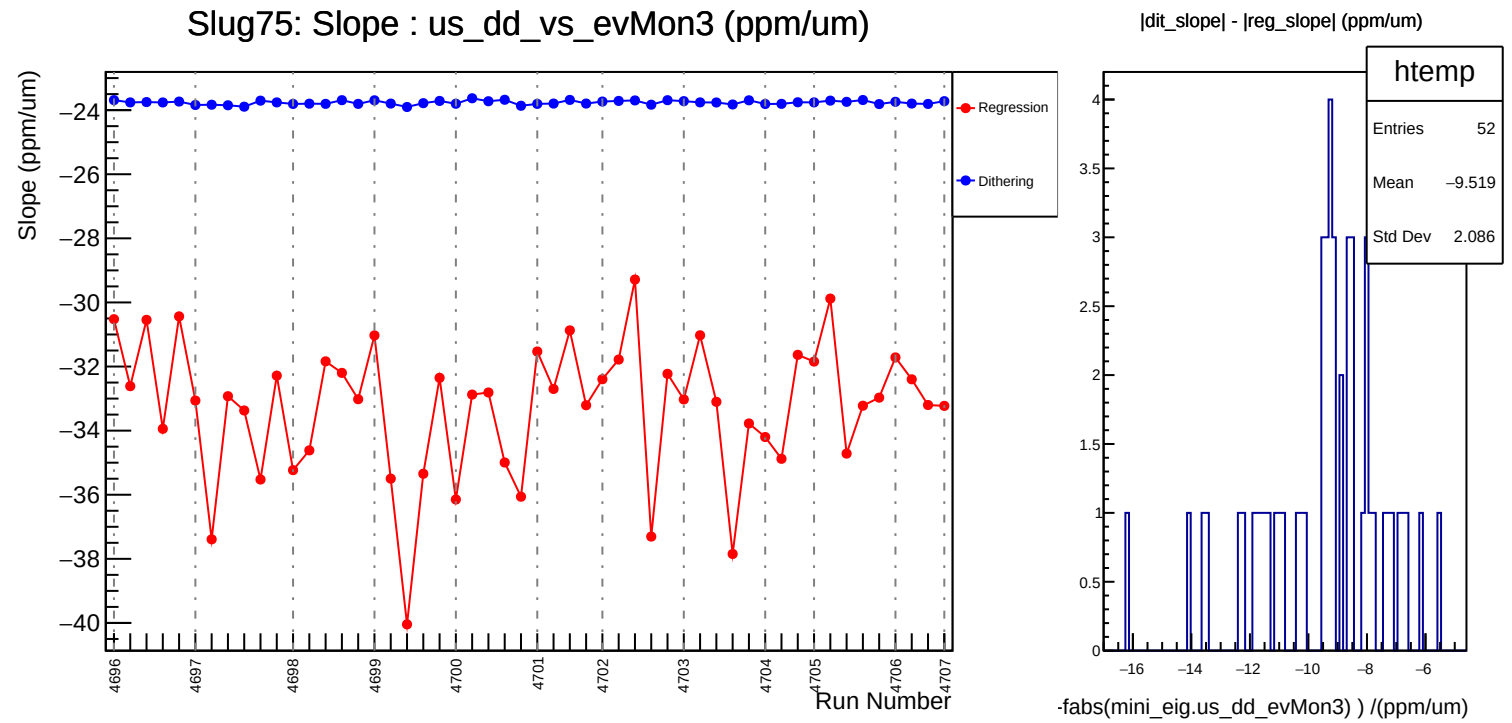

Slug75: asym_us_dd: $\sqrt{\sigma^2_{dit} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
16
14
12
10
8
6
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number

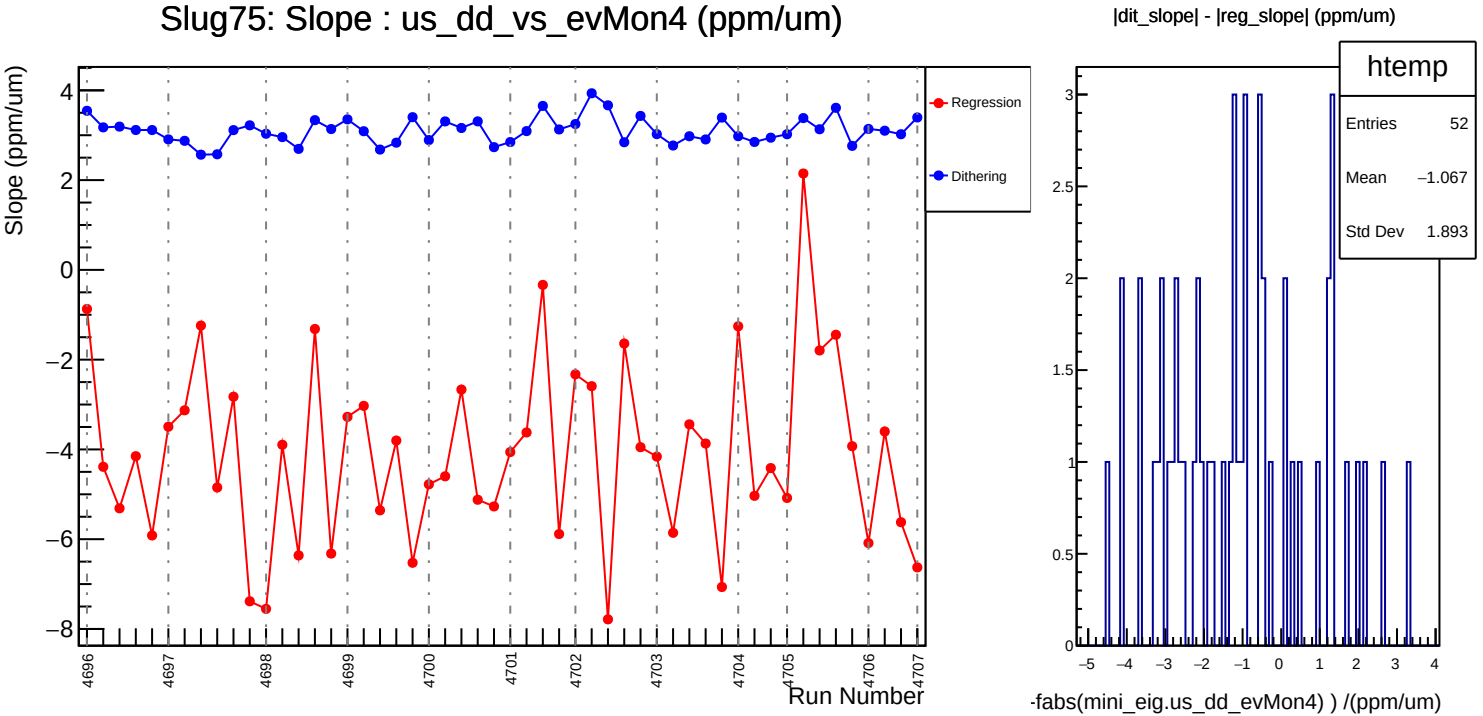

Dithering Corrections Width (ppm) by Eigenvectors
(PPM)
500
400
300
200
100
0
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4


Slug75: Slope : us_dd_vs_evMon0 (ppm/um)
Slope (ppm/um)
42.2
42
41.8
41.6
41.4
41.2
41
40.8
40.6
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number
Regression
Dithering
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean −0.2095
Std Dev 0.3122
3
2.5
2
1.5
1
0.5
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
-fabs(mini_eig.us_dd_evMon0) ) /(ppm/um)


Slug75: Slope : us_dd_vs_evMon1 (ppm/um)
Slope (ppm/um)
−11.5
−12
−12.5
−13
−13.5
−14
−14.5
−15
Regression
Dithering
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean 0.1579
Std Dev 0.1895
6
5
4
3
2
1
0
−0.3 −0.2 −0.1 0 0.1 0.2 0.3 0.4 0.5
-fabs(mini_eig.us_dd_evMon1) ) /(ppm/um)


Slug75: Slope : us_dd_vs_evMon2 (ppm/um)
Slope (ppm/um)
−2
−2.2
−2.4
−2.6
−2.8
−3
−3.2
−3.4
−3.6
−3.8
Regression
Dithering
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean 0.4638
Std Dev 0.3758
0
1
2
3
4
5
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
-fabs(mini_eig.us_dd_evMon2) ) /(ppm/um)


Slug75: Slope : us_dd_vs_evMon3 (ppm/um)
Slope (ppm/um)
−24
−26
−28
−30
−32
−34
−36
−38
−40
Regression
Dithering
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean −9.519
Std Dev 2.086
4
3.5
3
2.5
2
1.5
1
0.5
0
−16
−14
−12
−10
−8
−6
-fabs(mini_eig.us_dd_evMon3) ) /(ppm/um)


Slug75: Slope : us_dd_vs_evMon4 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Dithering
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean −1.067
Std Dev 1.893
-fabs(mini_eig.us_dd_evMon4) ) /(ppm/um)