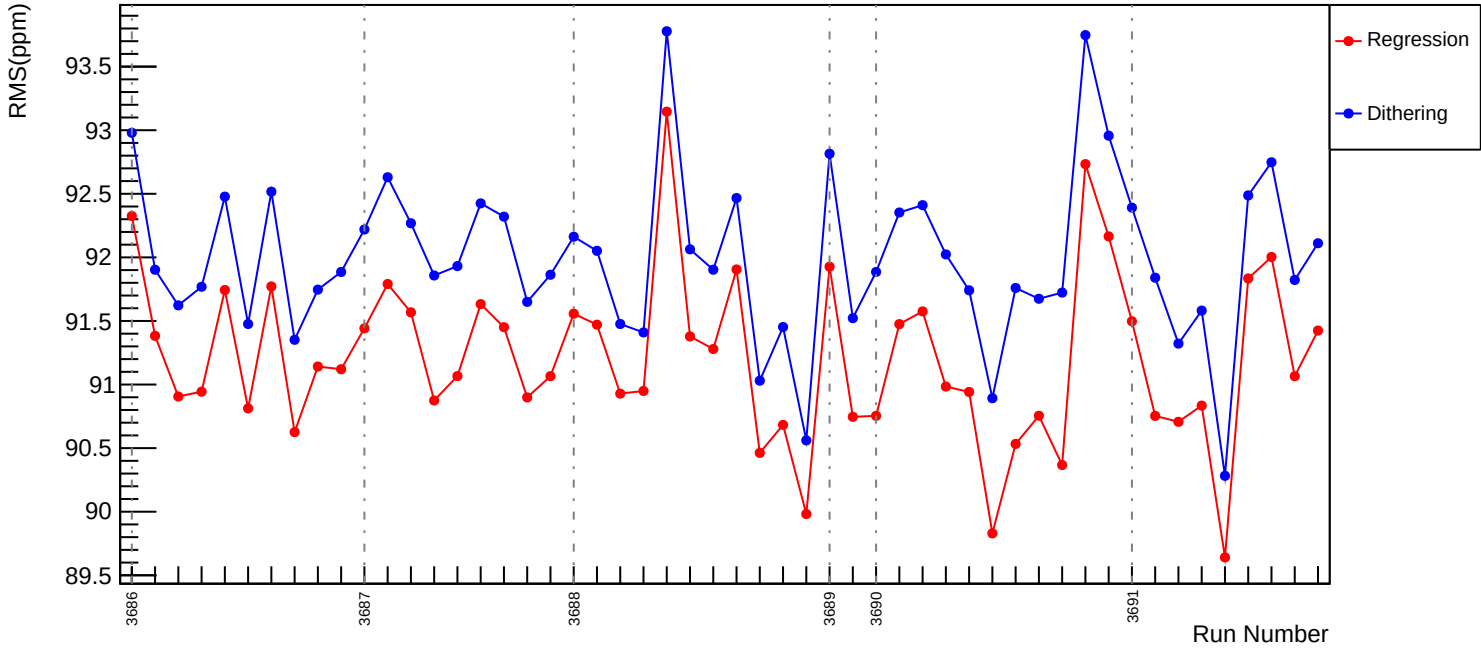
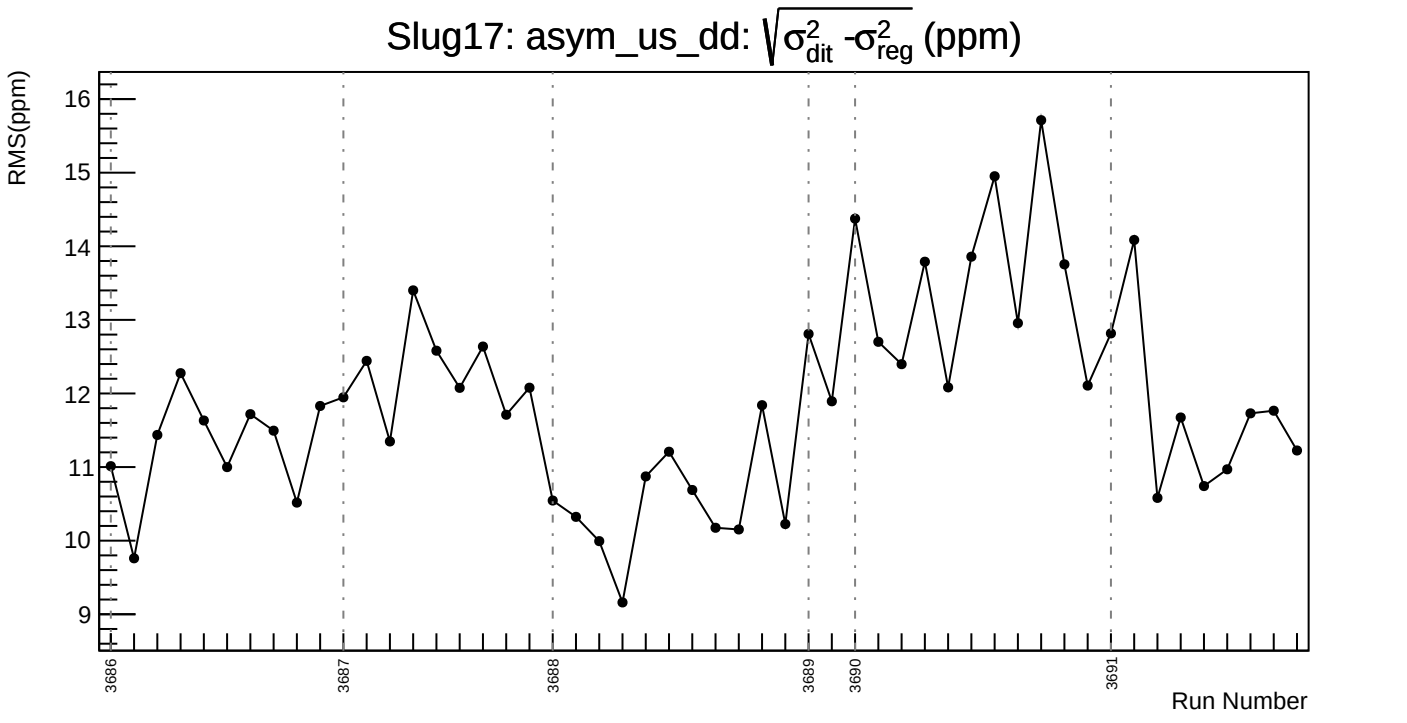
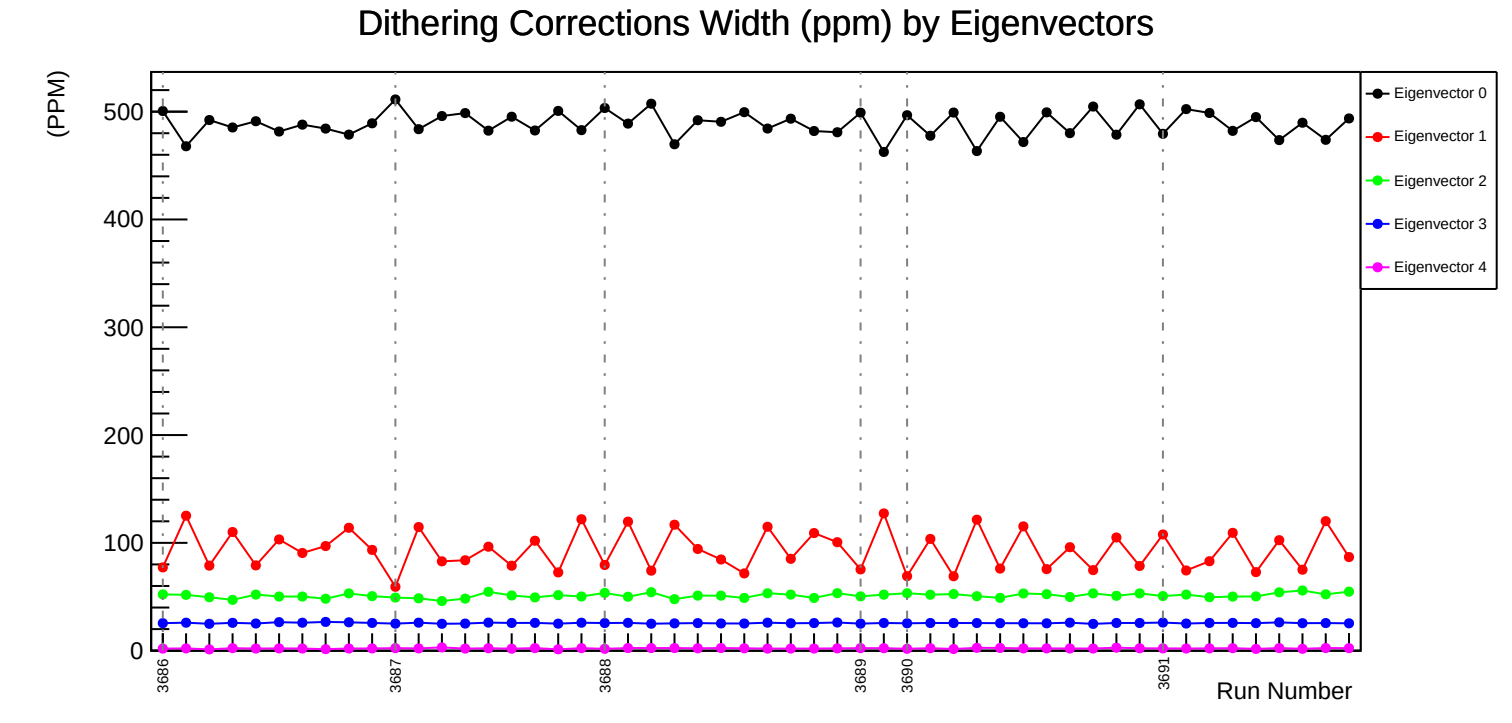
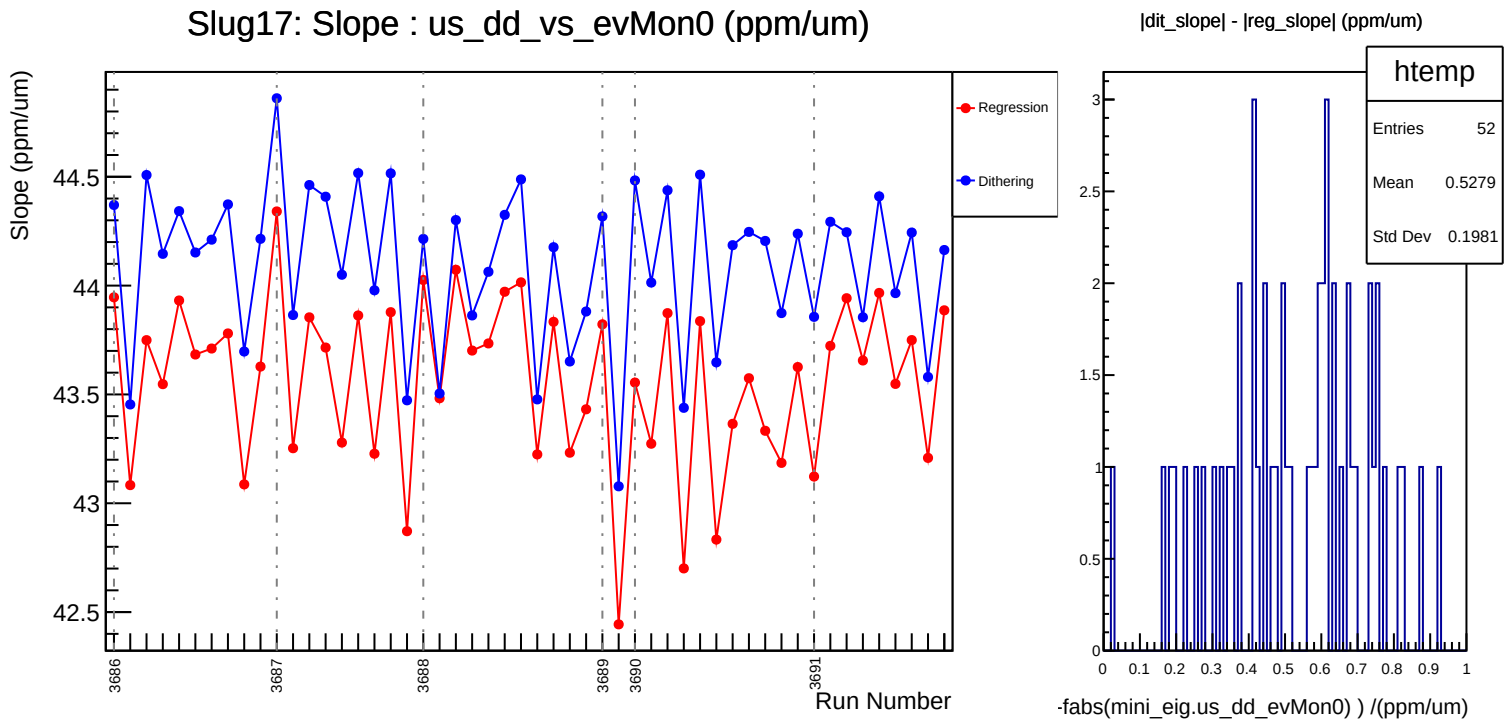
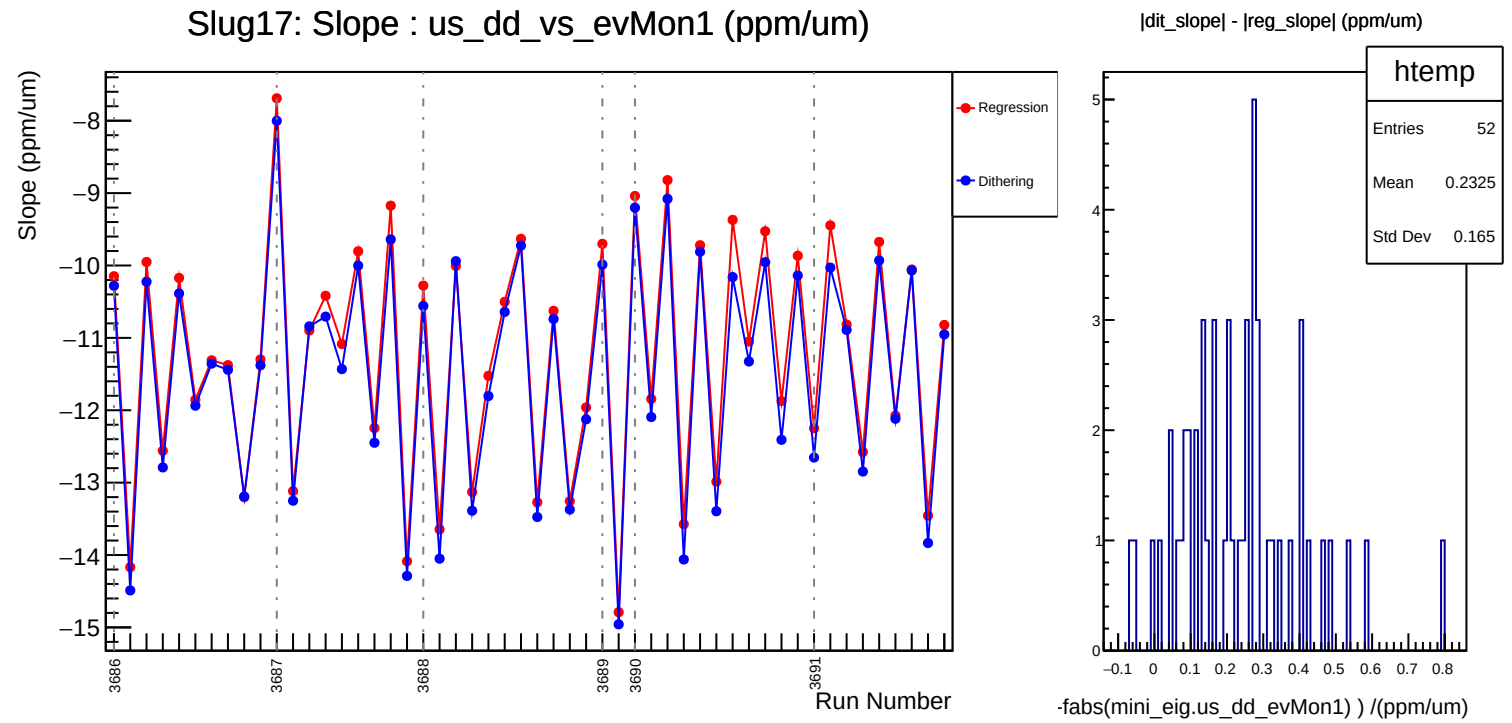
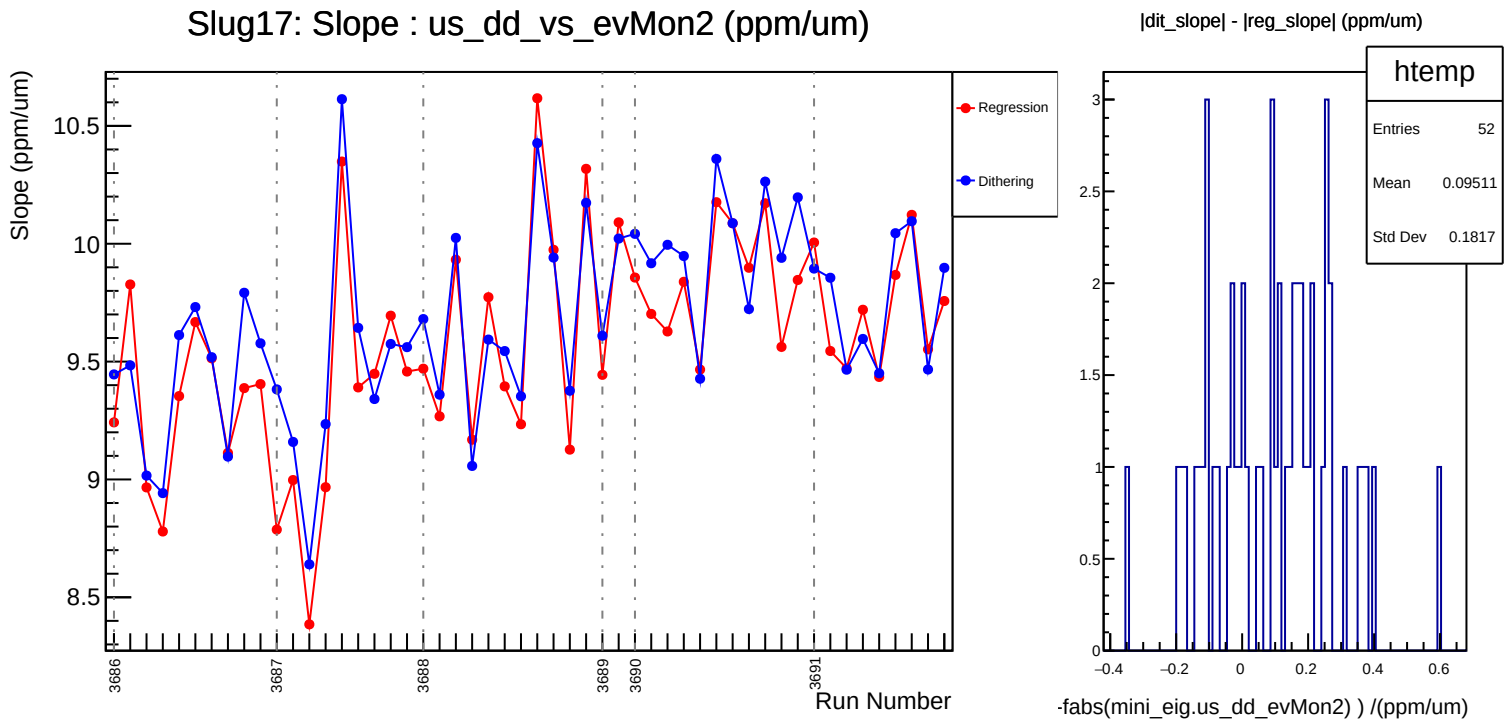

Slug17: Corrected RMS (ppm): asym_us_dd
RMS(ppm)
93.5
93
92.5
92
91.5
91
90.5
90
89.5
3686
3687
3688
3689
3690
3691
Run Number
Regression
Dithering

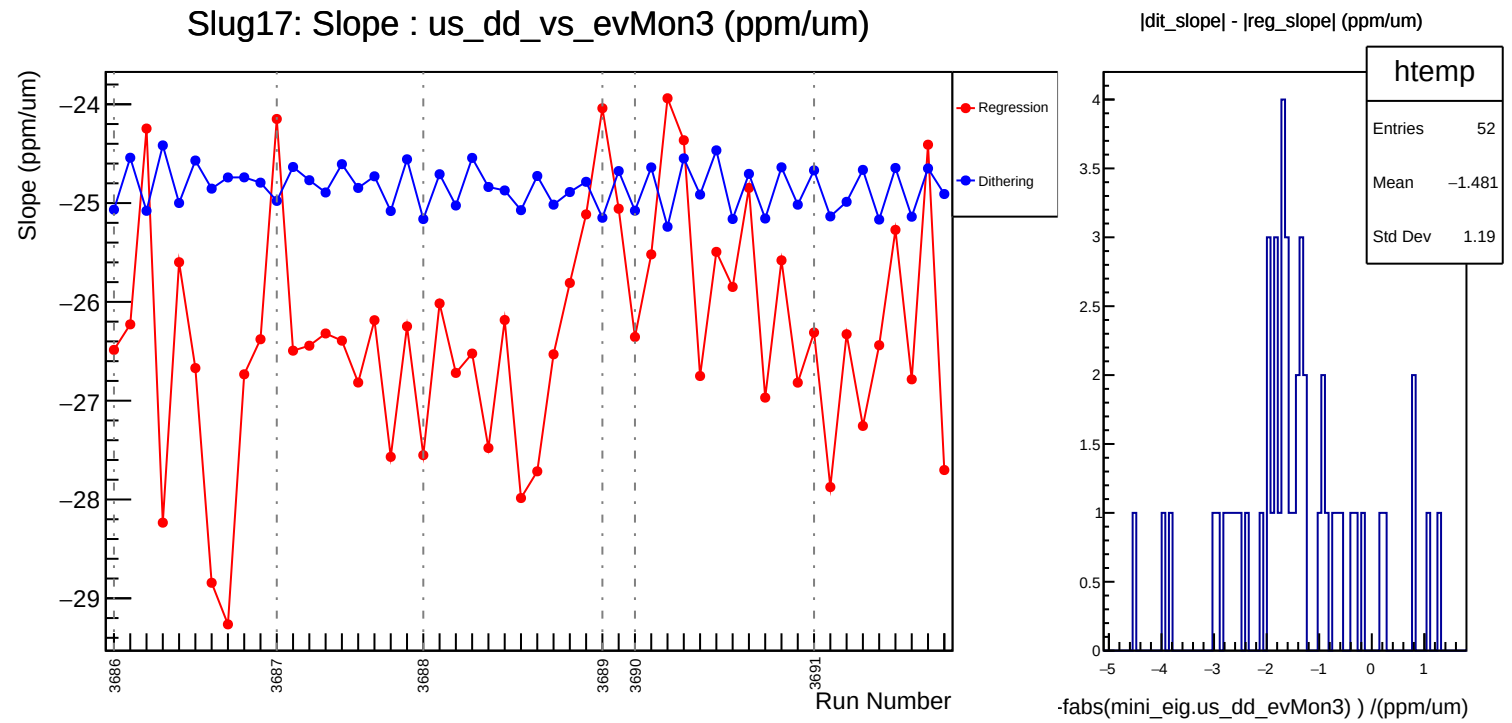

Slug17: asym_us_dd: $\sqrt{\sigma^2_{dit} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
16
15
14
13
12
11
10
9
3686
3687
3688
3689
3690
3691
Run Number

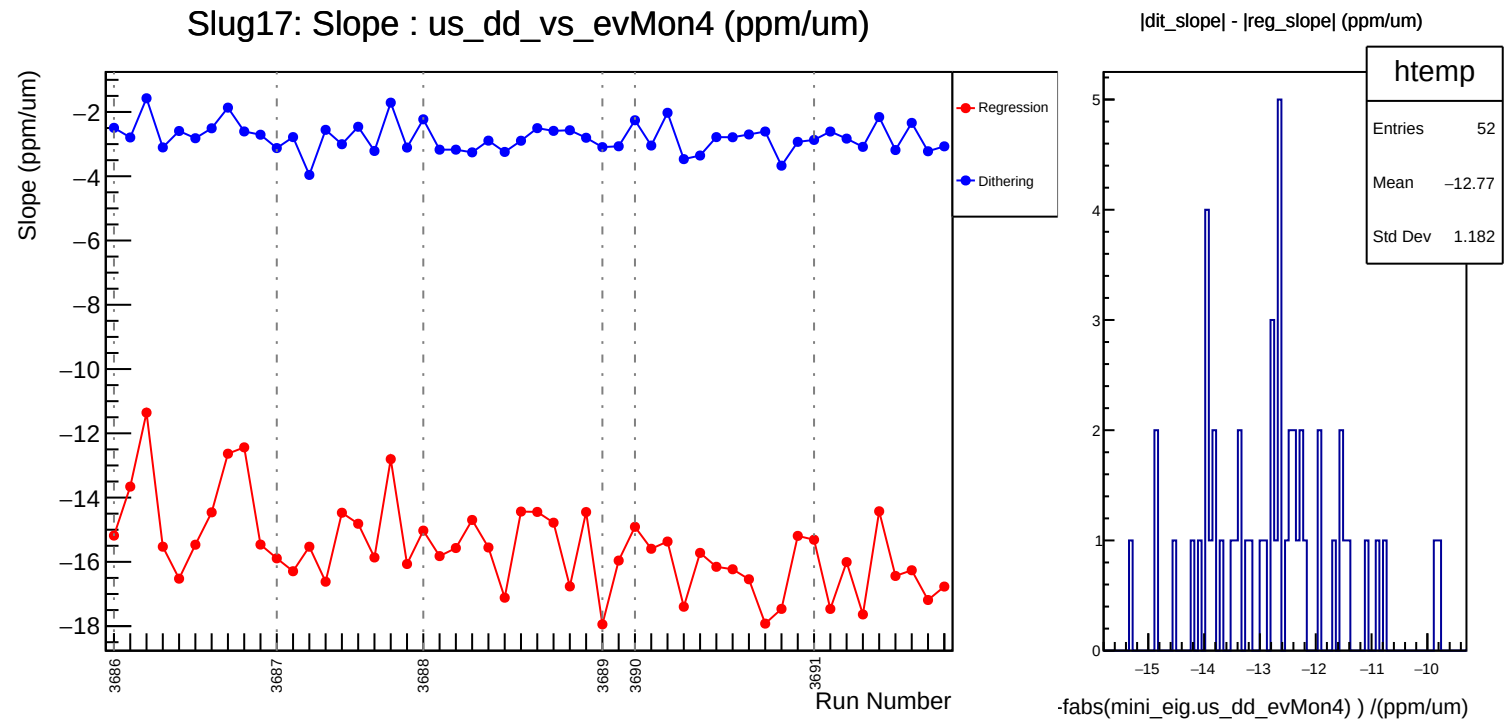

Dithering Corrections Width (ppm) by Eigenvectors
(PPM)
500
400
300
200
100
0
3686
3687
3688
3689
3690
3691
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4


Slug17: Slope : us_dd_vs_evMon0 (ppm/um)
Slope (ppm/um)
44.5
44
43.5
43
42.5
Regression
Dithering
3686
3687
3688
3689
3690
3691
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean 0.5279
Std Dev 0.1981
3
2.5
2
1.5
1
0.5
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
-fabs(mini_eig.us_dd_evMon0)) /(ppm/um)


Slug17: Slope : us_dd_vs_evMon1 (ppm/um)
Slope (ppm/um)
−8
−9
−10
−11
−12
−13
−14
−15
3686
3687
3688
3689
3690
3691
Run Number
Regression
Dithering
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean 0.2325
Std Dev 0.165
0
1
2
3
4
5
−0.1
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
-fabs(mini_eig.us_dd_evMon1)) /(ppm/um)


Slug17: Slope : us_dd_vs_evMon2 (ppm/um)
Slope (ppm/um)
10.5
10
9.5
9
8.5
Regression
Dithering
3686
3687
3688
3689
3690
3691
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean 0.09511
Std Dev 0.1817
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
-fabs(mini_eig.us_dd_evMon2)) /(ppm/um)


Slug17: Slope : us_dd_vs_evMon3 (ppm/um)
Slope (ppm/um)
−24
−25
−26
−27
−28
−29
Regression
Dithering
3686
3687
3688
3689
3690
3691
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean −1.481
Std Dev 1.19
4
3.5
3
2.5
2
1.5
1
0.5
0
−5
−4
−3
−2
−1
0
1
-fabs(mini_eig.us_dd_evMon3)) /(ppm/um)


Slug17: Slope : us_dd_vs_evMon4 (ppm/um)
Slope (ppm/um)
−2
−4
−6
−8
−10
−12
−14
−16
−18
3686
3687
3688
3689
3690
3691
Run Number
Regression
Dithering
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 52
Mean −12.77
Std Dev 1.182
0
1
2
3
4
5
−15
−14
−13
−12
−11
−10
-fabs(mini_eig.us_dd_evMon4)) /(ppm/um)