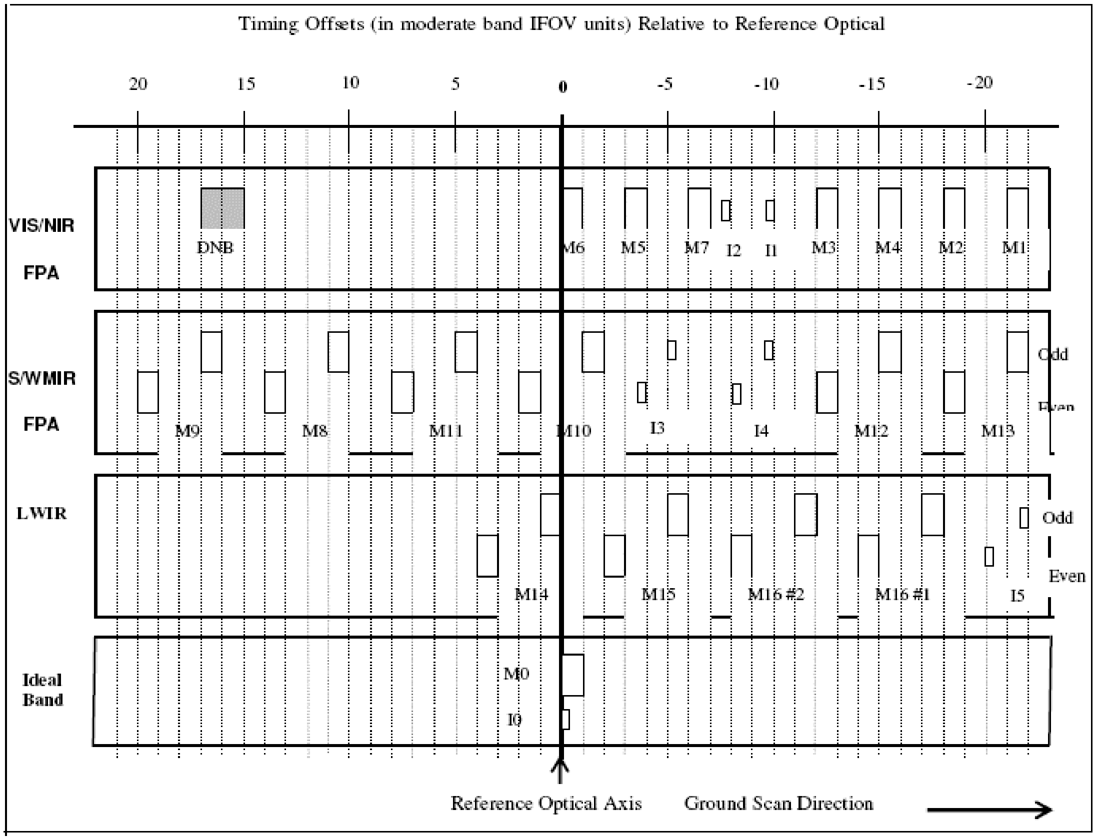
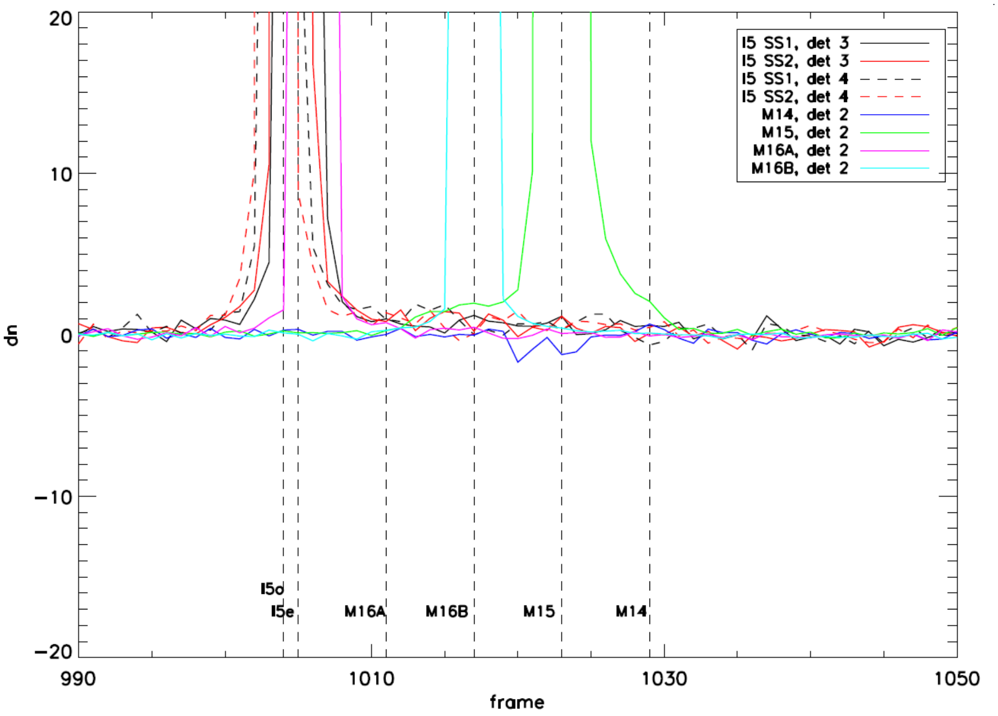
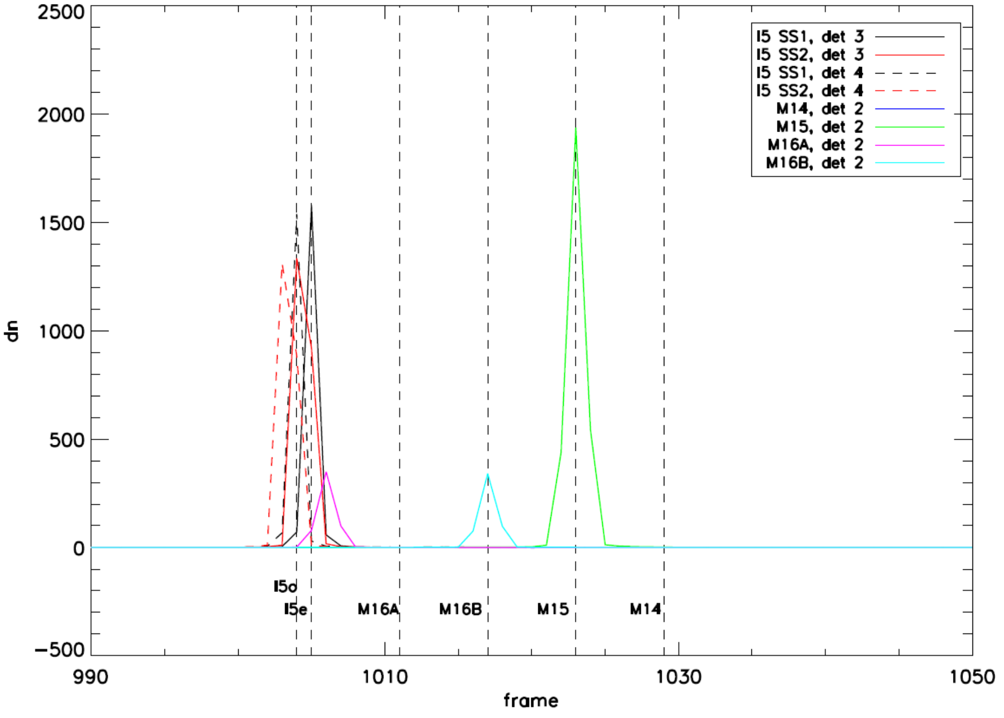
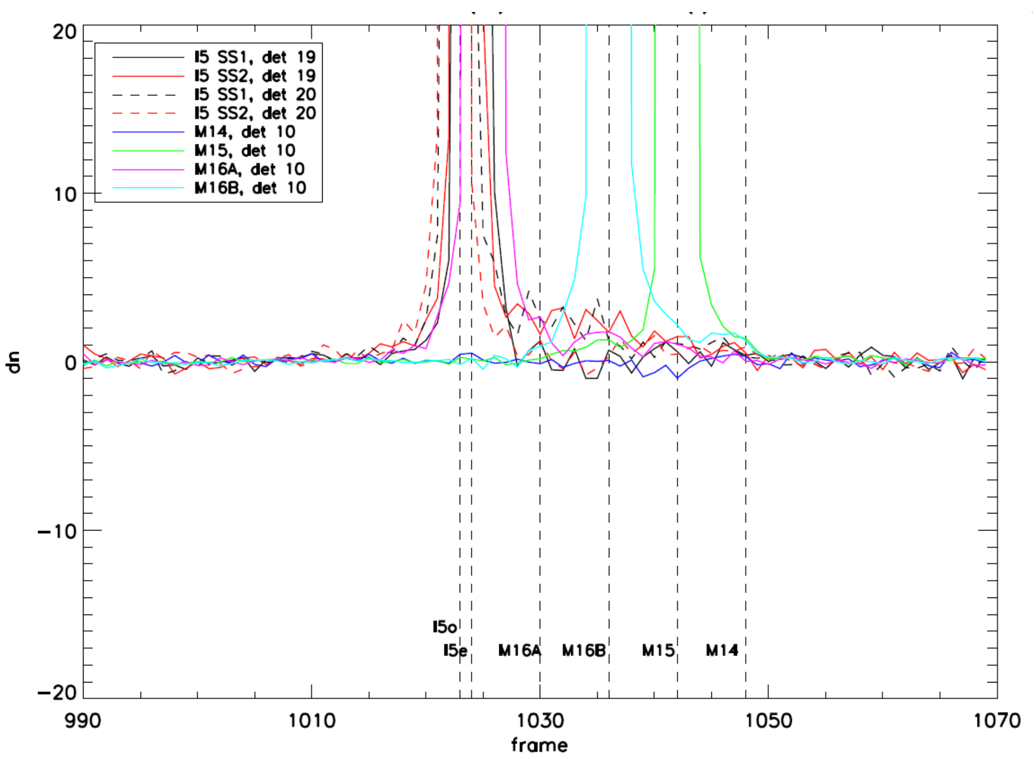
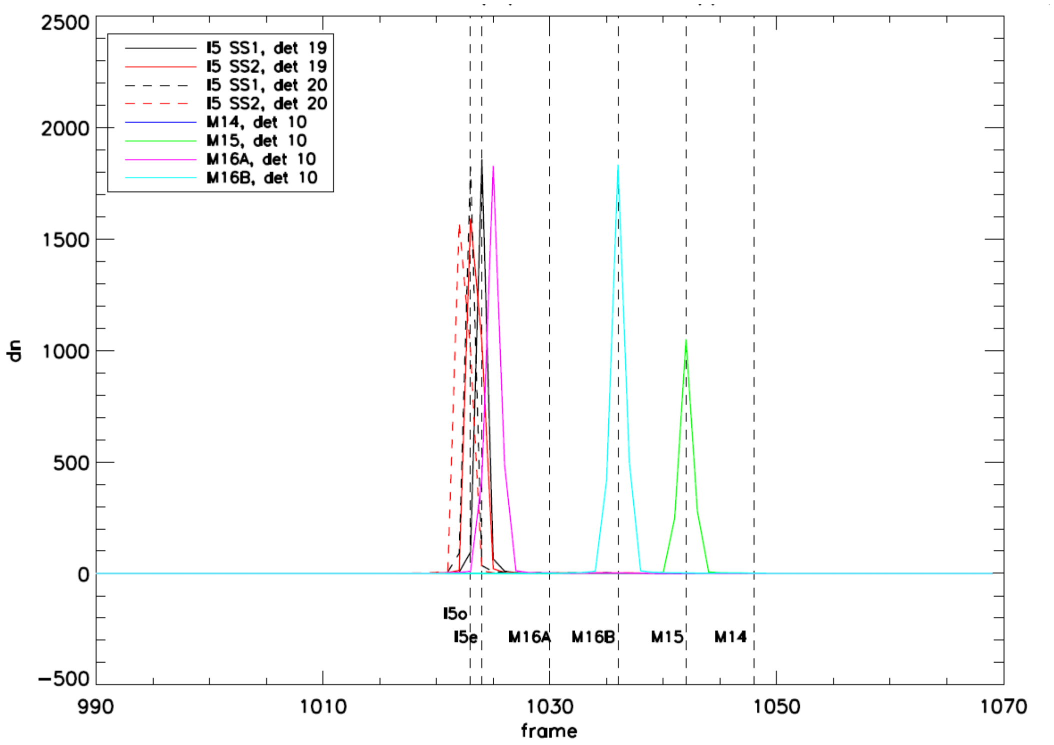


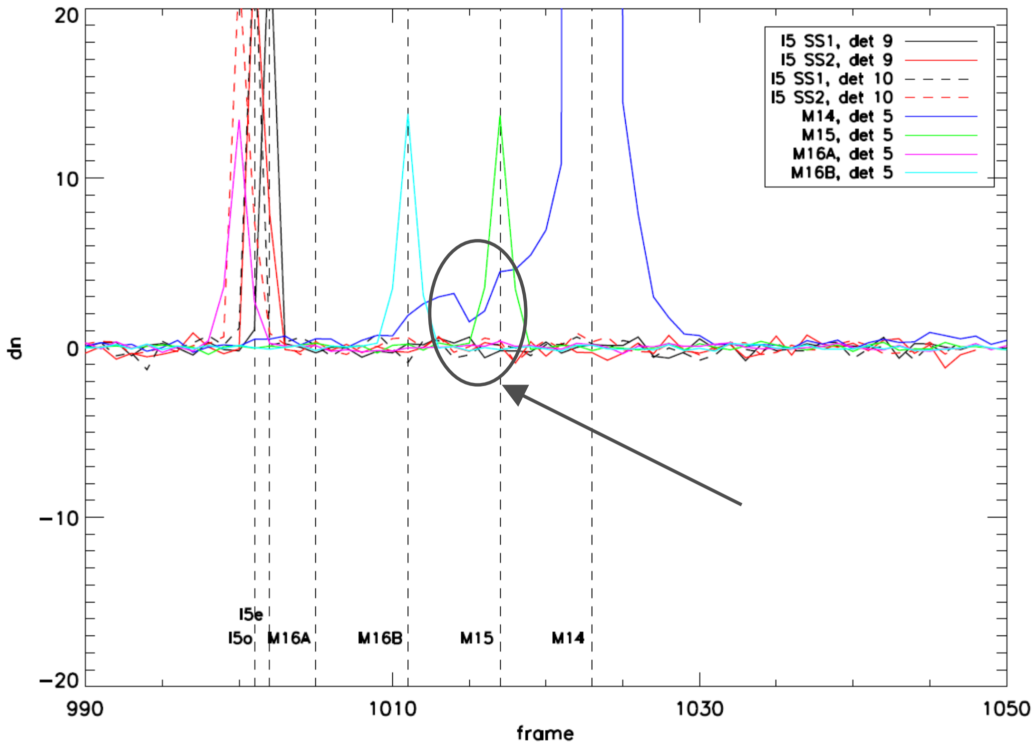

Timing Offsets (in moderate band IFOV units) Relative to Reference Optical
20
15
10
5
0
-5
-10
-15
-20
VIS/NIR
FPA
DNB
M6
M5
M7
I2
I1
M3
M4
M2
M1
S/WMIR
FPA
Odd
Even
M9
M8
M11
M10
I3
I4
M12
M13
LWIR
Odd
Even
M14
M15
M16 #2
M16 #1
I5
Ideal
Band
M0
I0
Reference Optical Axis
Ground Scan Direction

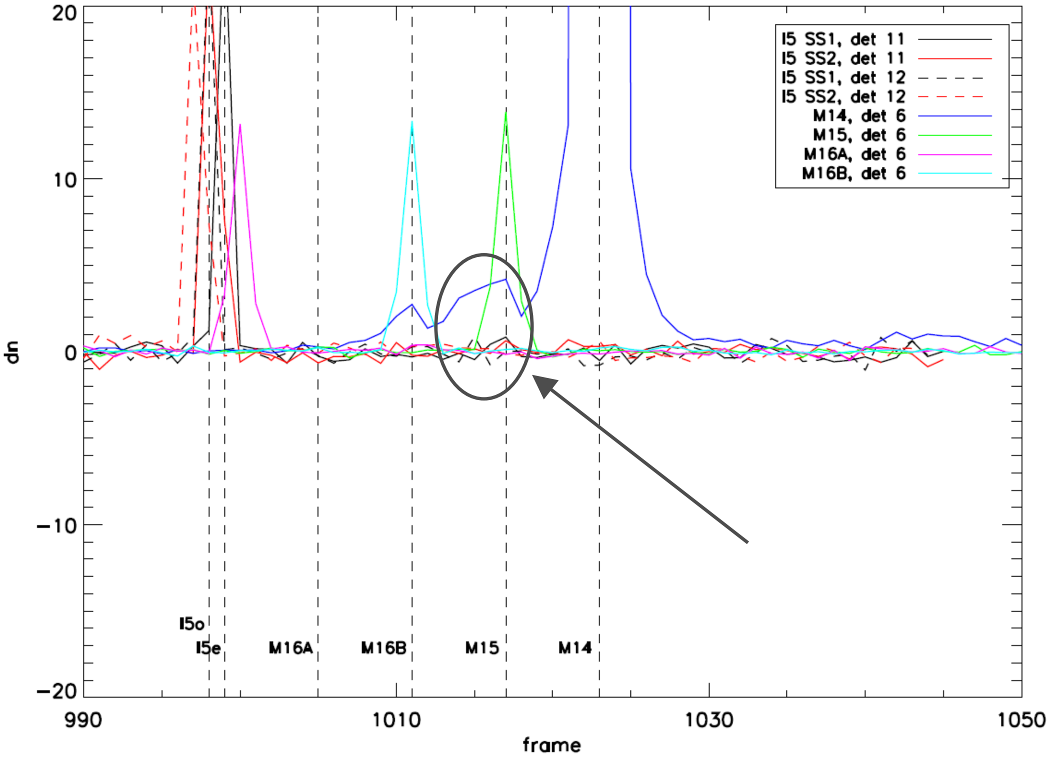

I5 SS1, det 3
I5 SS2, det 3
I5 SS1, det 4
I5 SS2, det 4
M14, det 2
M15, det 2
M16A, det 2
M16B, det 2
I5d
I5e
M16A
M16B
M15
M14
dn
20
10
0
−10
−20
990
1010
1030
1050
frame

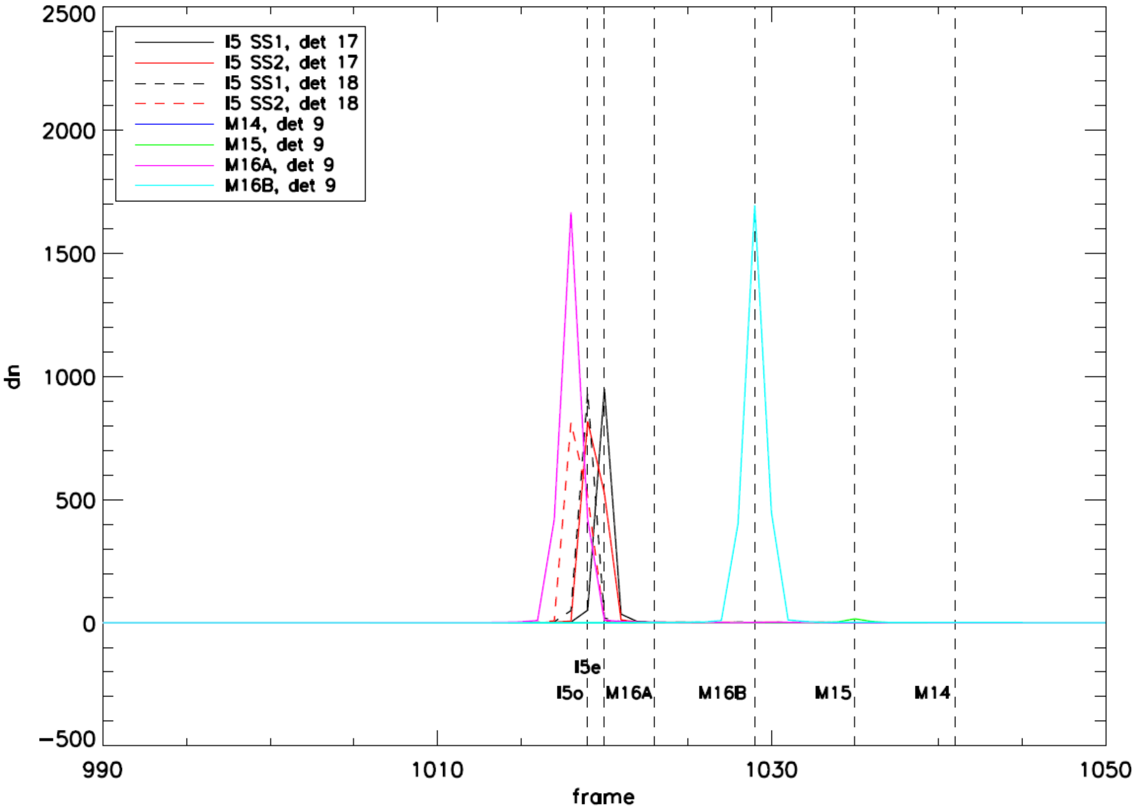

I5 SS1, det 3
I5 SS2, det 3
I5 SS1, det 4
I5 SS2, det 4
M14, det 2
M15, det 2
M16A, det 2
M16B, det 2
I5d
I5e
M16A
M16B
M15
M14
dn
2500
2000
1500
1000
500
0
−500
990
1010
1030
1050
frame

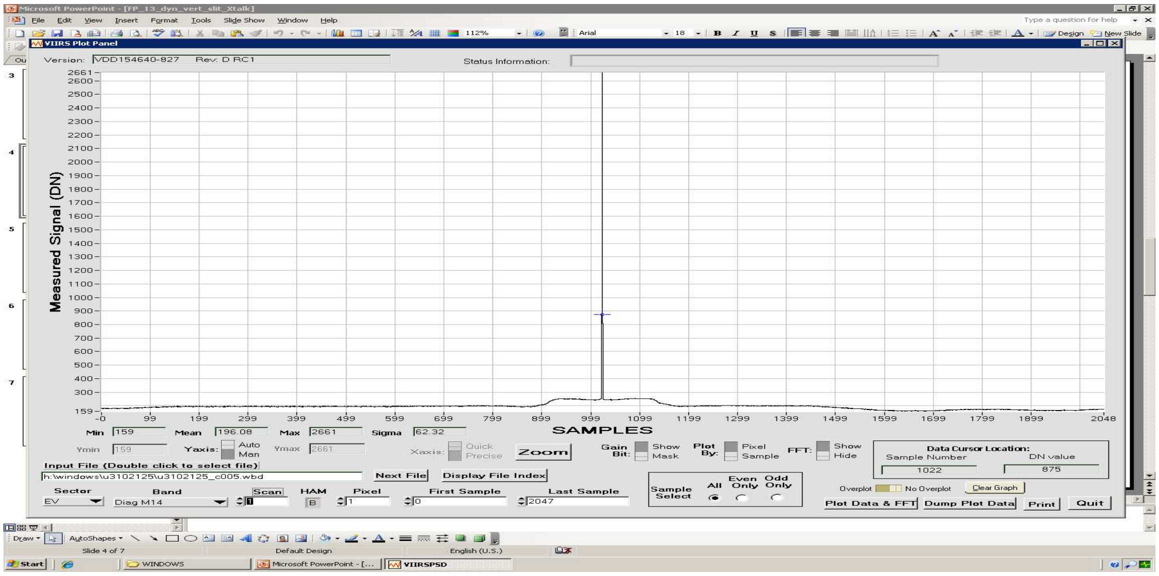

I5 SS1, det 19
I5 SS2, det 19
I5 SS1, det 20
I5 SS2, det 20
M14, det 10
M15, det 10
M16A, det 10
M16B, det 10
20
10
0
−10
−20
dn
I5o
I5e
M16A
M16B
M15
M14
990
1010
1030
1050
1070
frame


I5 SS1, det 19
I5 SS2, det 19
I5 SS1, det 20
I5 SS2, det 20
M14, det 10
M15, det 10
M16A, det 10
M16B, det 10
2500
2000
1500
1000
500
0
−500
dn
I5o
I5e
M16A
M16B
M15
M14
990
1010
1030
1050
1070
frame


I5 SS1, det 9
I5 SS2, det 9
I5 SS1, det 10
I5 SS2, det 10
M14, det 5
M15, det 5
M16A, det 5
M16B, det 5
I5e
I5o
M16A
M16B
M15
M14
20
10
0
−10
−20
dn
990
1010
1030
1050
frame


I5 SS1, det 11
I5 SS2, det 11
I5 SS1, det 12
I5 SS2, det 12
M14, det 6
M15, det 6
M16A, det 6
M16B, det 6
I5o
I5e
M16A
M16B
M15
M14
20
10
0
−10
−20
dn
990
1010
1030
1050
frame


I5 SS1, det 17
I5 SS2, det 17
I5 SS1, det 18
I5 SS2, det 18
M14, det 9
M15, det 9
M16A, det 9
M16B, det 9
2500
2000
1500
1000
500
0
−500
dn
I5e
I5o
M16A
M16B
M15
M14
990
1010
1030
1050
frame



Version: VDD154640-827 Rev: D RC1

Status Information:

Min 159 Mean 196.08 Max 2661 Sigma 62.32

Ymin 159 Yaxis: Auto Man Ymax 2661 Xaxis: Quick Precise

Gain Bit: Show Mask Plot By: Pixel Sample FFT: Show Hide

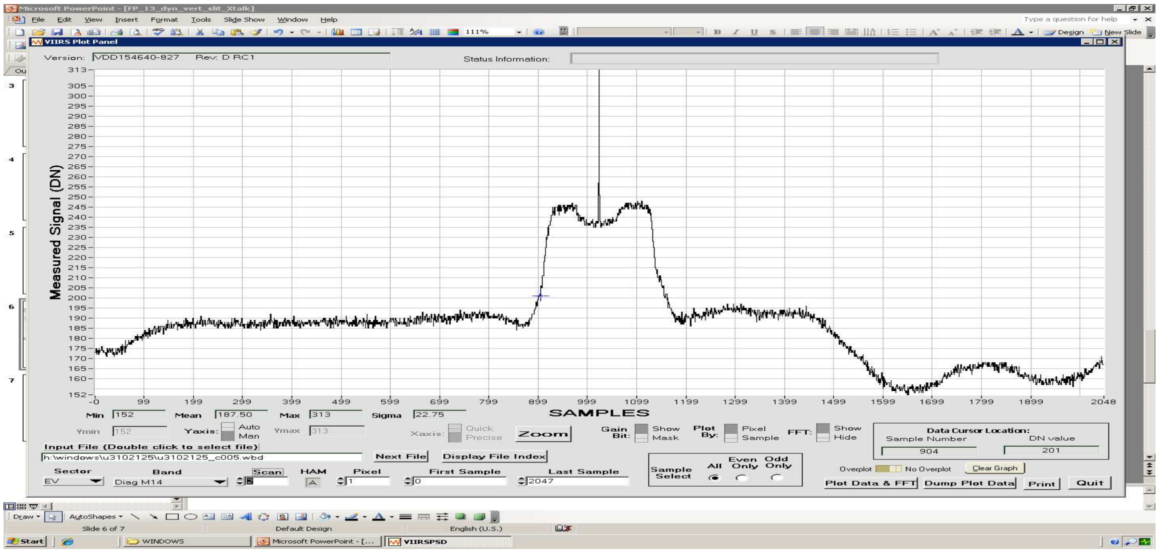
Data Cursor Location: Sample Number 1022 DN value 875

Input File (Double click to select file): h:\windows\u3102125\u3102125_c005.wbd

Sector EV Band Diag M14 Scan 1 HAM B Pixel 1 First Sample 0 Last Sample 2047

Sample Select: All ● Even Only ○ Odd Only ○

Overplot No Overplot



Version: VDD154640-827 Rev: D RC1

Status Information:

Min 152 Mean 187.50 Max 313 Sigma 22.75

Ymin 152 Yaxis: Auto Man Ymax 313 Xaxis: Quick Precise

Gain Bit: Show Mask Plot By: Pixel Sample FFT: Show Hide

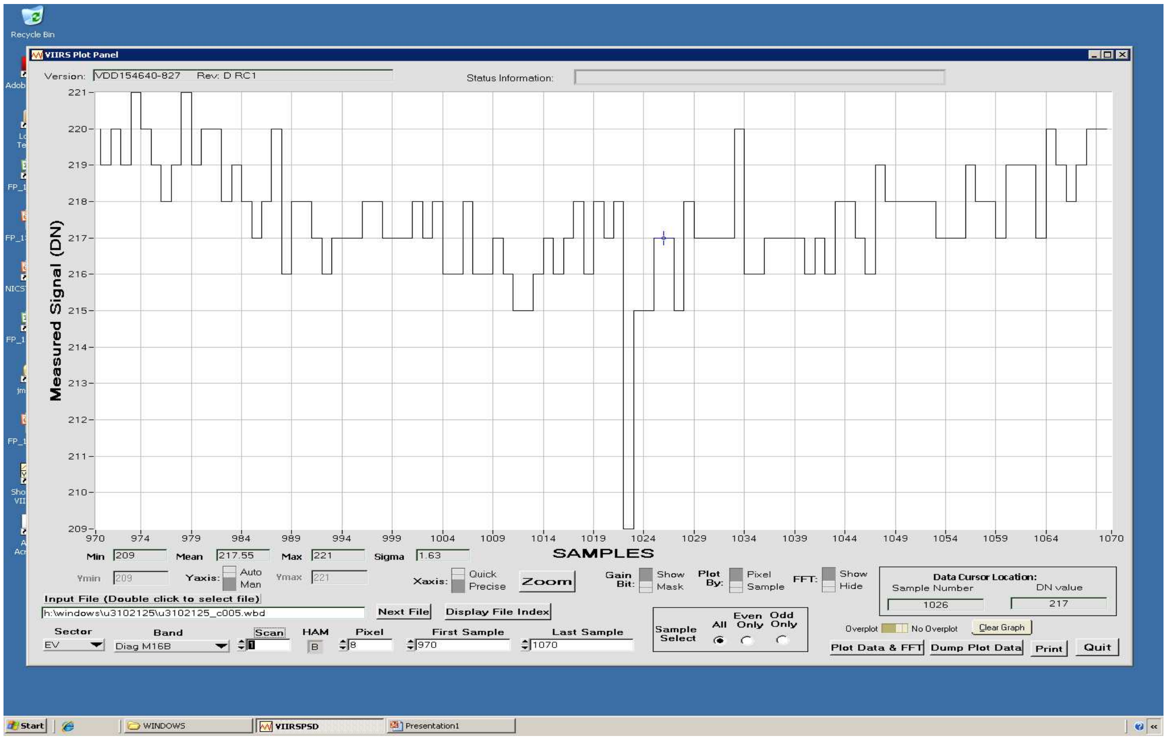
Data Cursor Location: Sample Number 904 DN value 201

Input File (Double click to select file): h:\windows\u3102125\u3102125_c005.wbd

Sector EV Band Diag M14 Scan 2 HAM A Pixel 1 First Sample 0 Last Sample 2047

Sample Select: All ● Even Only ○ Odd Only ○

Overplot No Overplot



Version: VDD154640-827 Rev: D RC1

Status Information:

Min 209 Mean 217.55 Max 221 Sigma 1.63

Ymin 209 Yaxis: Auto Man Ymax 221

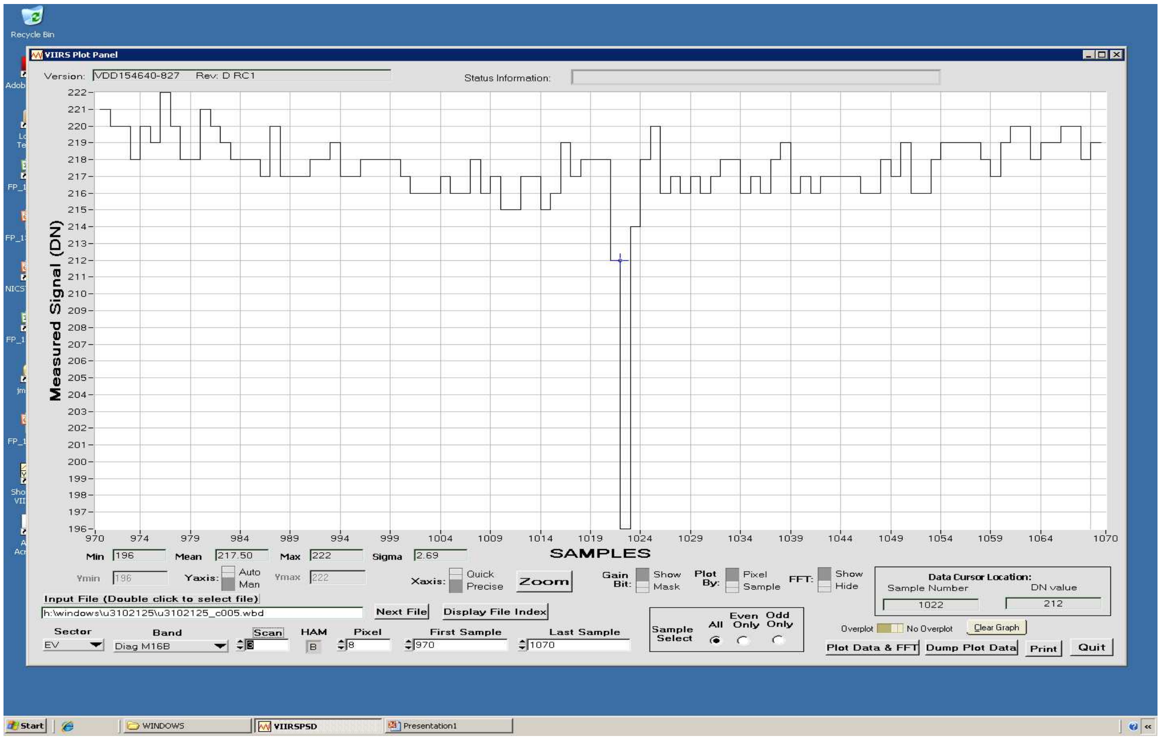
Xaxis: Quick Precise

Data Cursor Location:
Sample Number 1026
DN value 217

Input File (Double click to select file)
h:\windows\u3102125\u3102125_c005.wbd

Sector EV
Band Diag M16B
Scan 1
HAM B
Pixel 8
First Sample 970
Last Sample 1070

Sample Select: ● All ○ Even Only ○ Odd Only



Version: VDD154640-827 Rev: D RC1

Status Information:

Min 196 Mean 217.50 Max 222 Sigma 2.69

Ymin 196 Yaxis: Auto Man Ymax 222

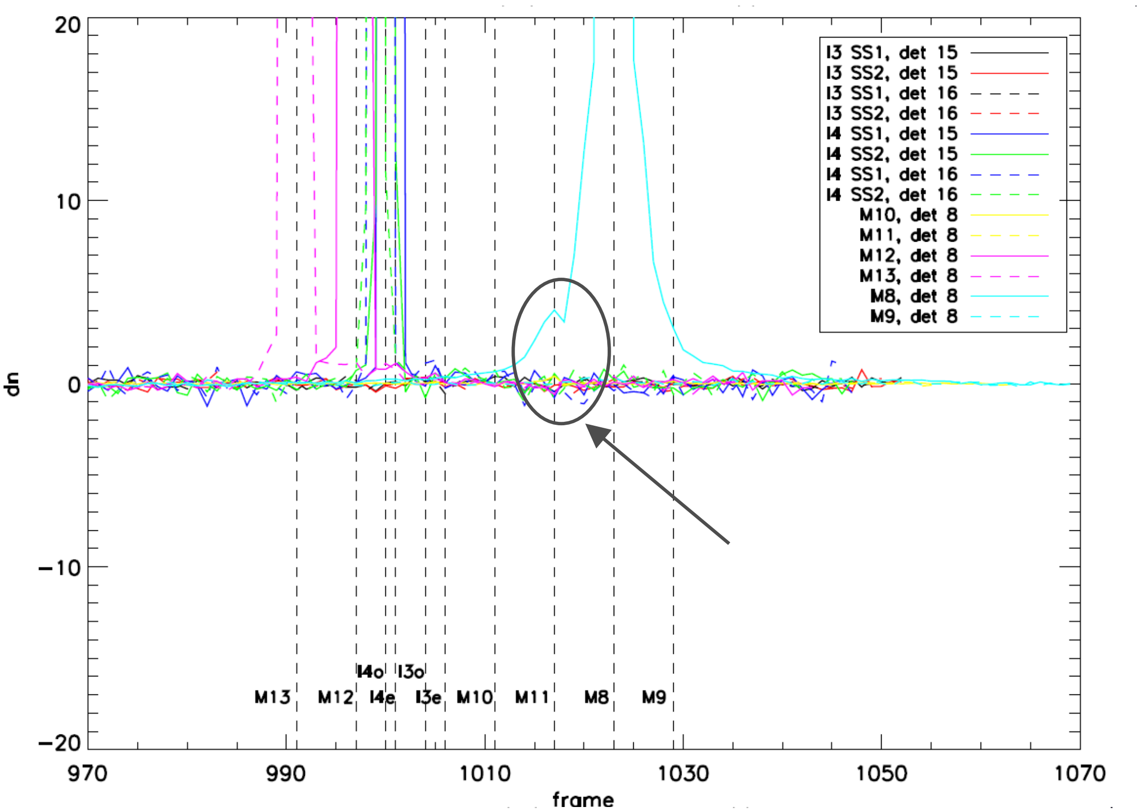
Xaxis: Quick Precise

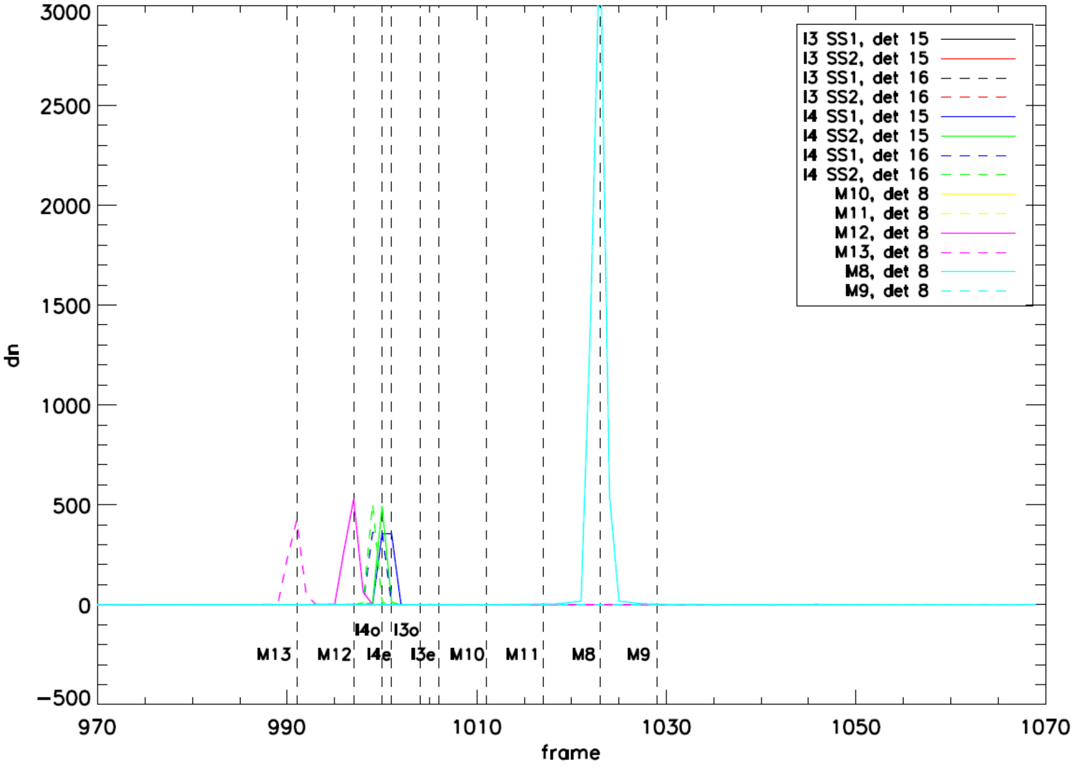
Data Cursor Location:
Sample Number 1022
DN value 212

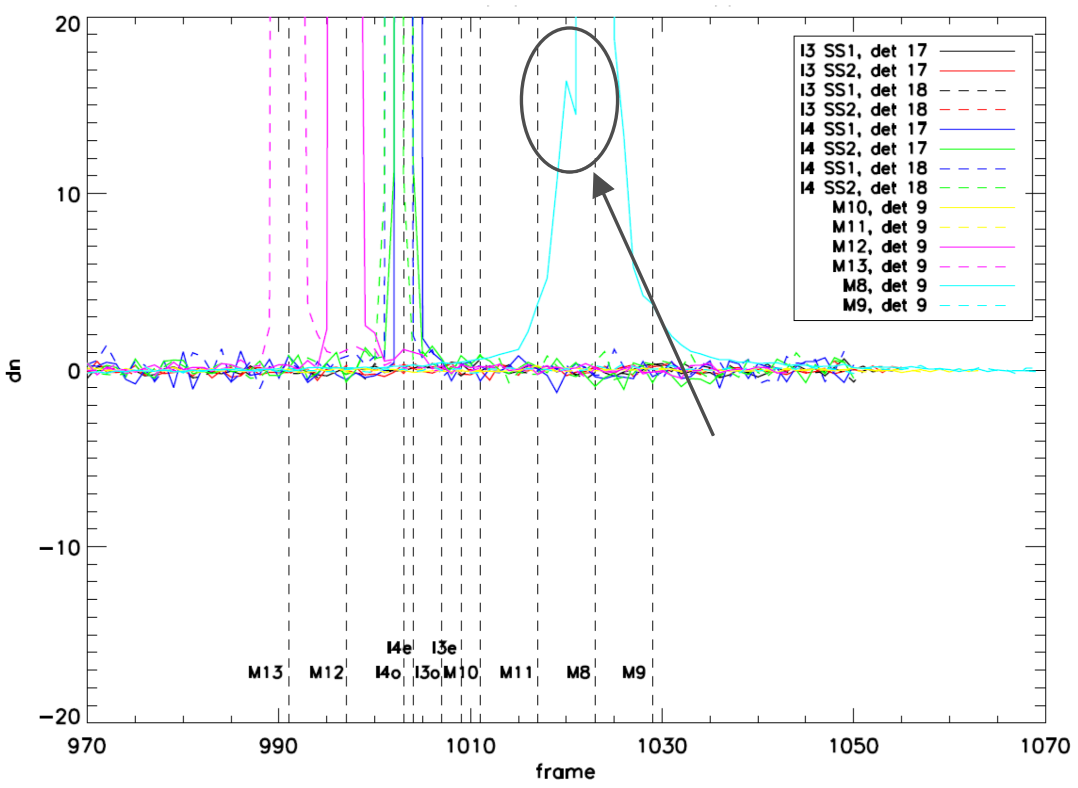
Input File (Double click to select file)
h:\windows\u3102125\u3102125_c005.wbd

Sector EV
Band Diag M16B
Scan 3
HAM B
Pixel 8
First Sample 970
Last Sample 1070

Sample Select: ● All ○ Even Only ○ Odd Only


I3 SS1, det 15
I3 SS2, det 15
I3 SS1, det 16
I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
I4o
I3o
M13
M12
I4e
I3e
M10
M11
M8
M9
dn
20
10
0
−10
−20
970
990
1010
1030
1050
1070
frame


I3 SS1, det 15
I3 SS2, det 15
I3 SS1, det 16
I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
I4o
I3o
M13
M12
I4e
I3e
M10
M11
M8
M9
dn
3000
2500
2000
1500
1000
500
0
−500
970
990
1010
1030
1050
1070
frame


20
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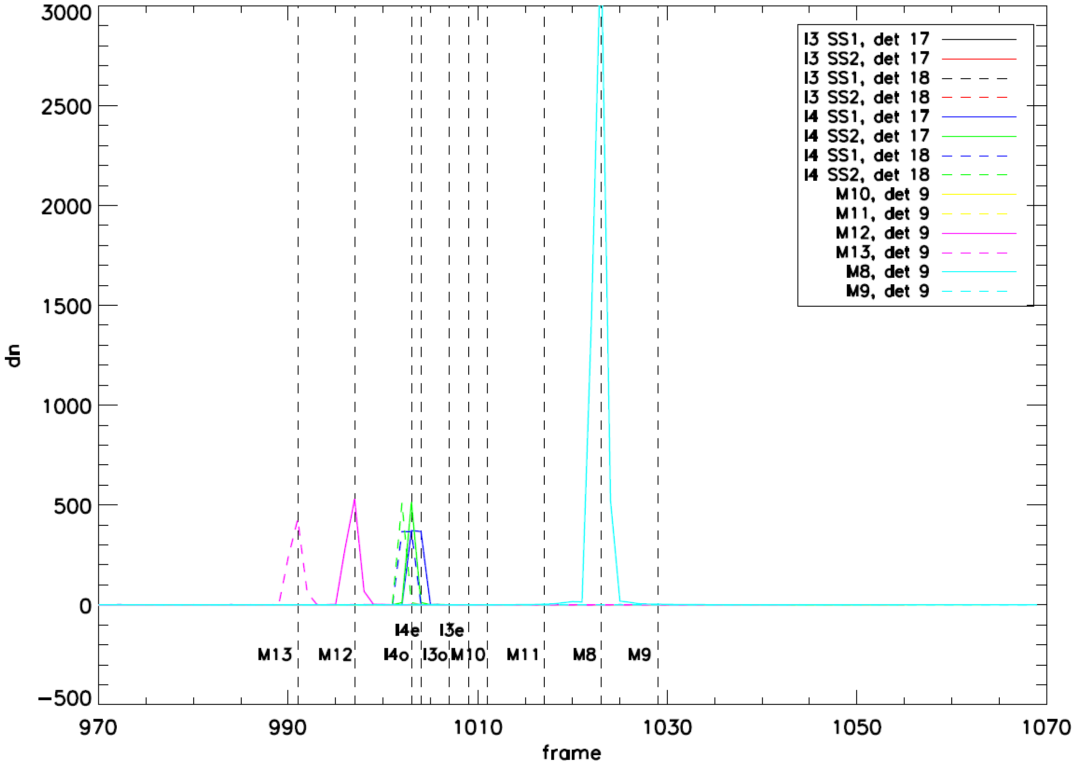
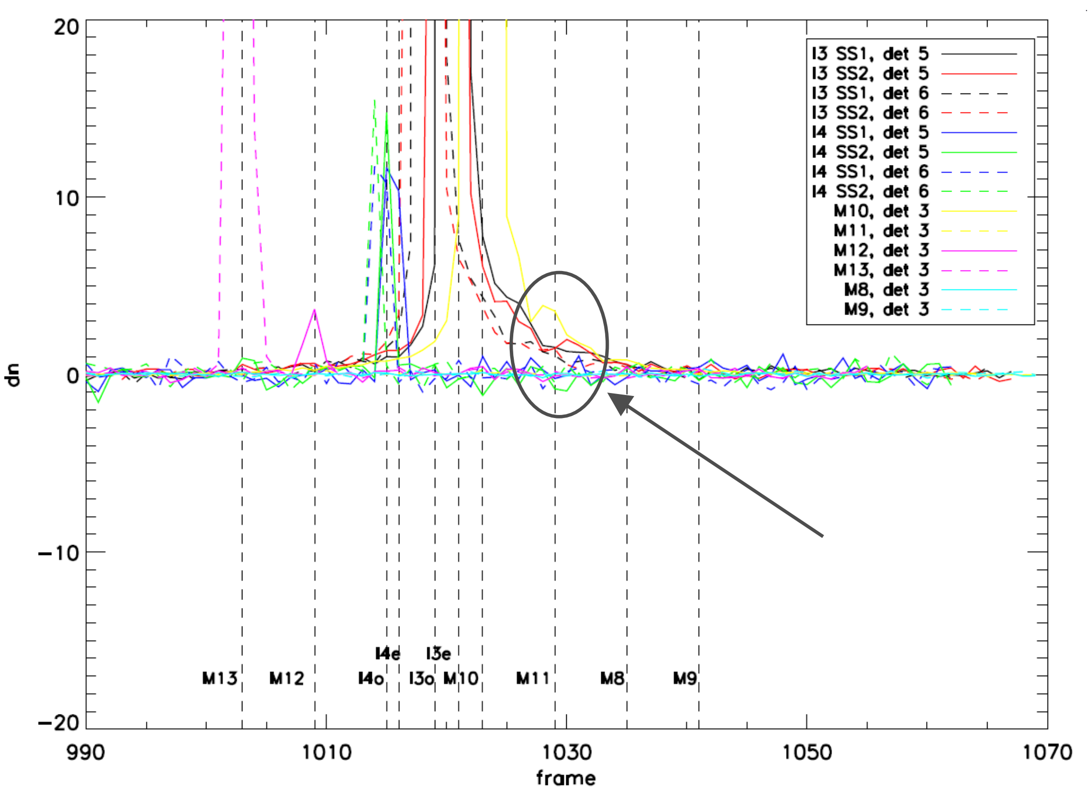
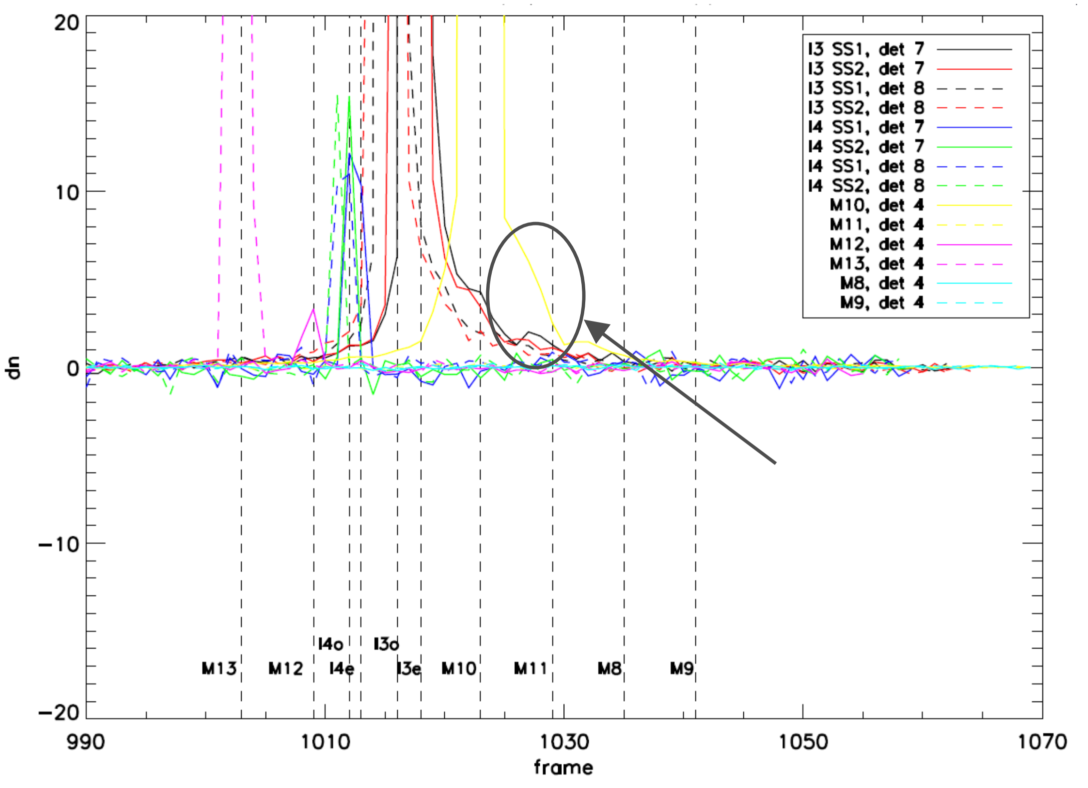
−10
−20
dn
970
990
1010
1030
1050
1070
frame
I3 SS1, det 17
I3 SS2, det 17
I3 SS1, det 18
I3 SS2, det 18
I4 SS1, det 17
I4 SS2, det 17
I4 SS1, det 18
I4 SS2, det 18
M10, det 9
M11, det 9
M12, det 9
M13, det 9
M8, det 9
M9, det 9
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9


3000
2500
2000
1500
1000
500
0
−500
dn
970
990
1010
1030
1050
1070
frame
I3 SS1, det 17
I3 SS2, det 17
I3 SS1, det 18
I3 SS2, det 18
I4 SS1, det 17
I4 SS2, det 17
I4 SS1, det 18
I4 SS2, det 18
M10, det 9
M11, det 9
M12, det 9
M13, det 9
M8, det 9
M9, det 9
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9


20
10
0
−10
−20
dn
990
1010
1030
1050
1070
frame
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9
I3 SS1, det 5
I3 SS2, det 5
I3 SS1, det 6
I3 SS2, det 6
I4 SS1, det 5
I4 SS2, det 5
I4 SS1, det 6
I4 SS2, det 6
M10, det 3
M11, det 3
M12, det 3
M13, det 3
M8, det 3
M9, det 3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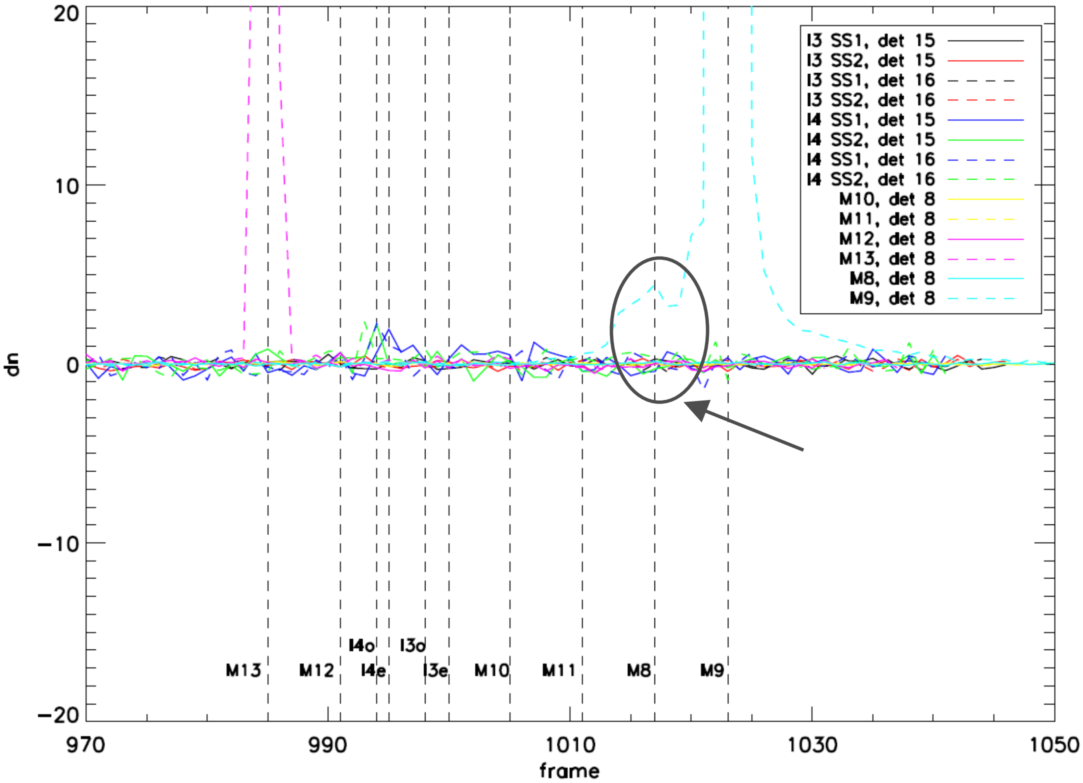
0
−10
−20
dn
990
1010
1030
1050
1070
frame
I4o
I3o
M13
M12
I4e
I3e
M10
M11
M8
M9
I3 SS1, det 7
I3 SS2, det 7
I3 SS1, det 8
I3 SS2, det 8
I4 SS1, det 7
I4 SS2, det 7
I4 SS1, det 8
I4 SS2, det 8
M10, det 4
M11, det 4
M12, det 4
M13, det 4
M8, det 4
M9, det 4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−20
dn
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990
1010
1030
1050
frame
M13
M12
I4o
I4e
I3o
I3e
M10
M11
M8
M9
I3 SS1, det 15
I3 SS2, det 15
I3 SS1, det 16
I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
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M10, det 8
M11, det 8
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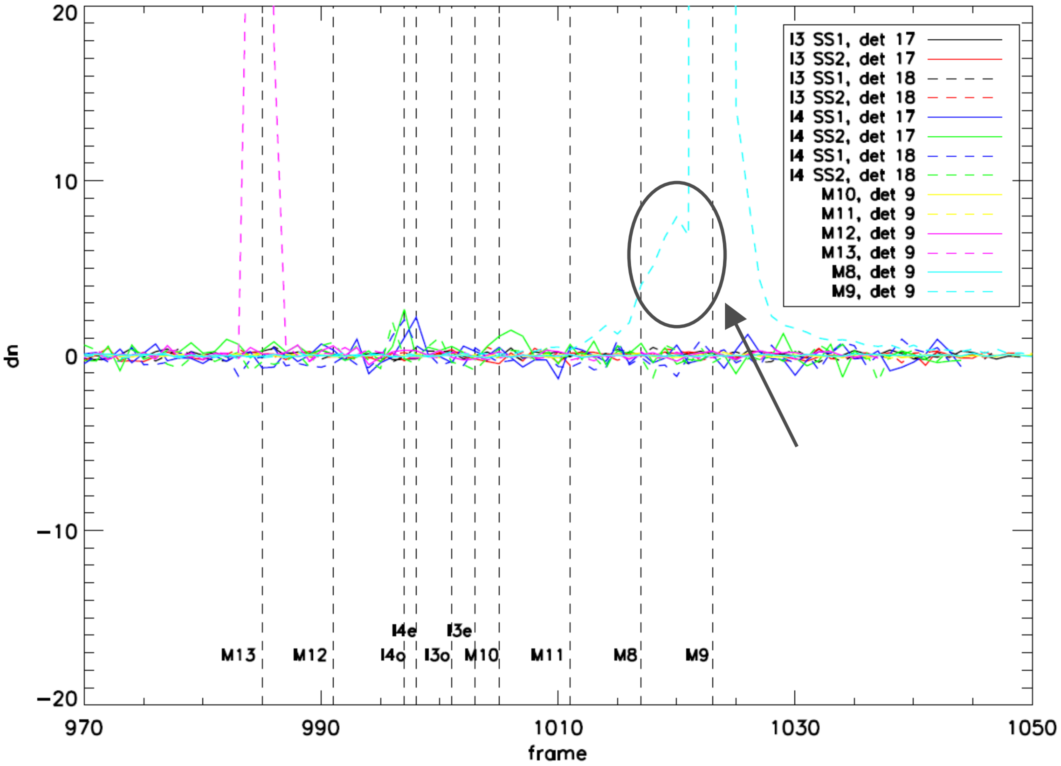
M13, det 8
M8, det 8
M9, det 8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dn
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990
1010
1030
1050
frame
M13
M12
I4e
I4o
I3e
I3o
M10
M11
M8
M9
I3 SS1, det 17
I3 SS2, det 17
I3 SS1, det 18
I3 SS2, det 18
I4 SS1, det 17
I4 SS2, det 17
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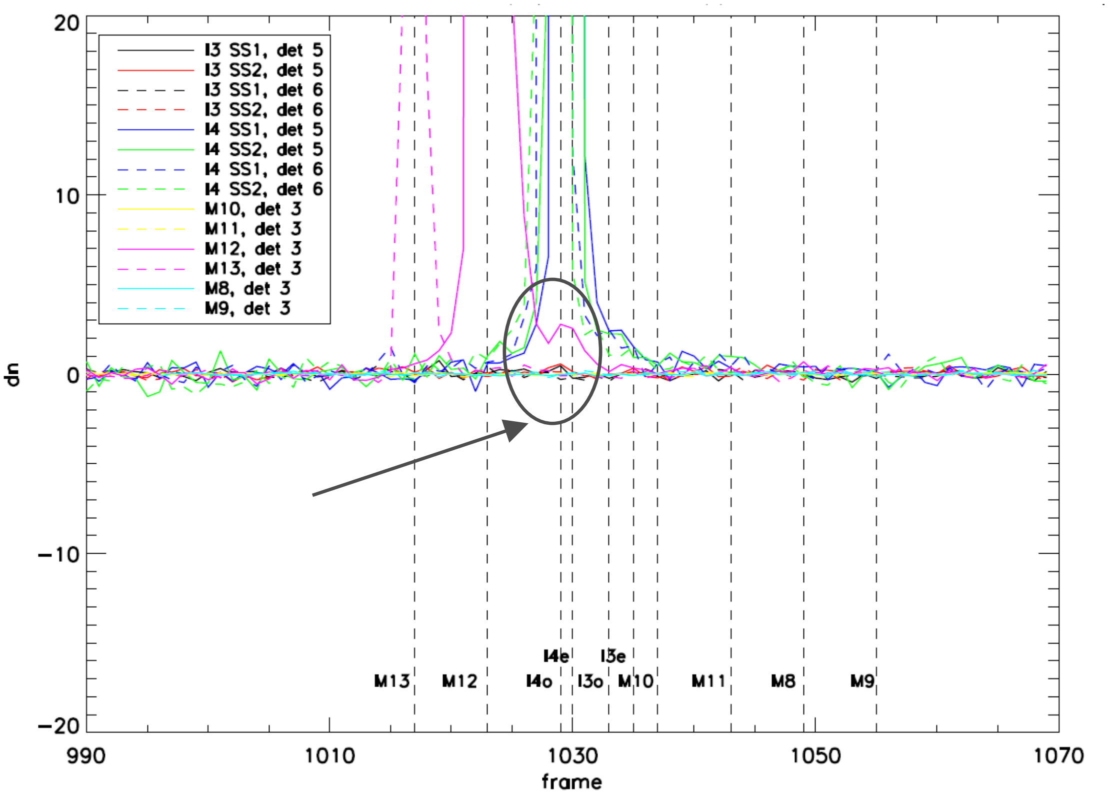
M13, det 9
M8, det 9
M9, det 9



I3 SS1, det 5
I3 SS2, det 5
I3 SS1, det 6
I3 SS2, det 6
I4 SS1, det 5
I4 SS2, det 5
I4 SS1, det 6
I4 SS2, det 6
M10, det 3
M11, det 3
M12, det 3
M13, det 3
M8, det 3
M9, det 3
I4e
I3e
M13
M12
I4o
I3o
M10
M11
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M9
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0
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dn
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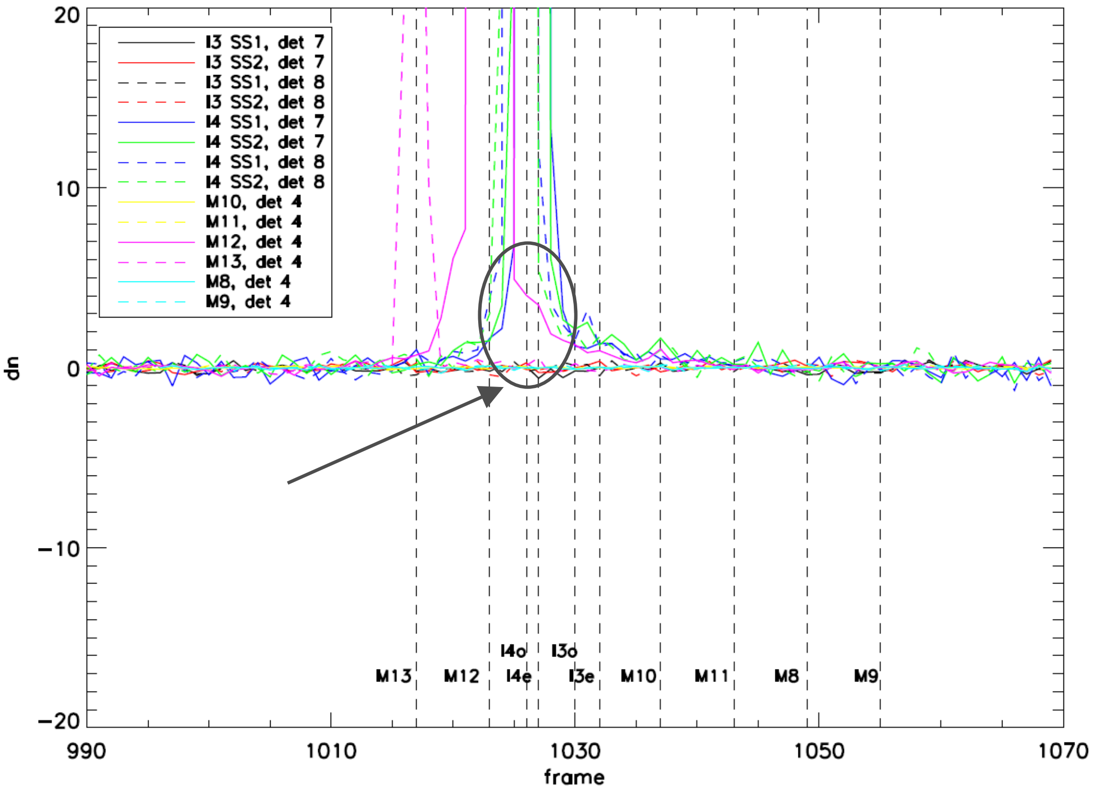
1070
frame



I3 SS1, det 7
I3 SS2, det 7
I3 SS1, det 8
I3 SS2, det 8
I4 SS1, det 7
I4 SS2, det 7
I4 SS1, det 8
I4 SS2, det 8
M10, det 4
M11, det 4
M12, det 4
M13, det 4
M8, det 4
M9, det 4
I4o
I3o
M13
M12
I4e
I3e
M10
M11
M8
M9
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0
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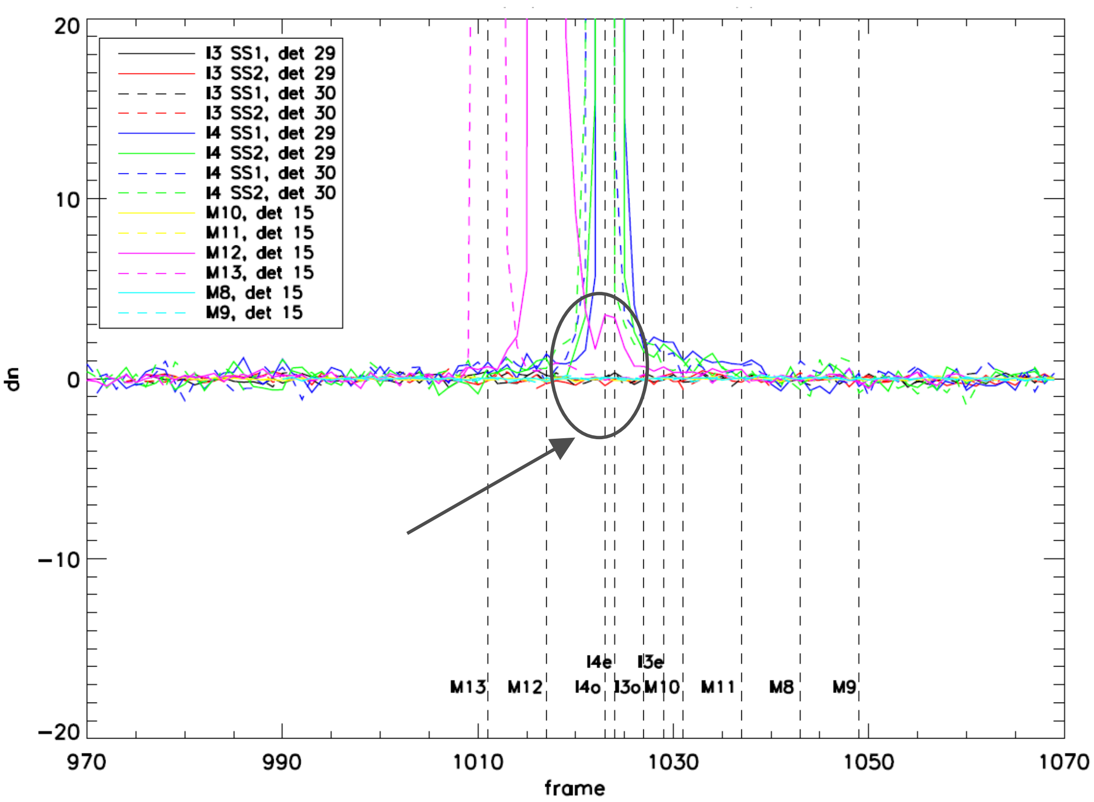
frame


I3 SS1, det 29
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I3 SS1, det 30
I3 SS2, det 30
I4 SS1, det 29
I4 SS2, det 29
I4 SS1, det 30
I4 SS2, det 30
M10, det 15
M11, det 15
M12, det 15
M13, det 15
M8, det 15
M9, det 15
20
10
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−10
−20
dn
970
990
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frame
I4e
I3e
M13
M12
I4o
I3o
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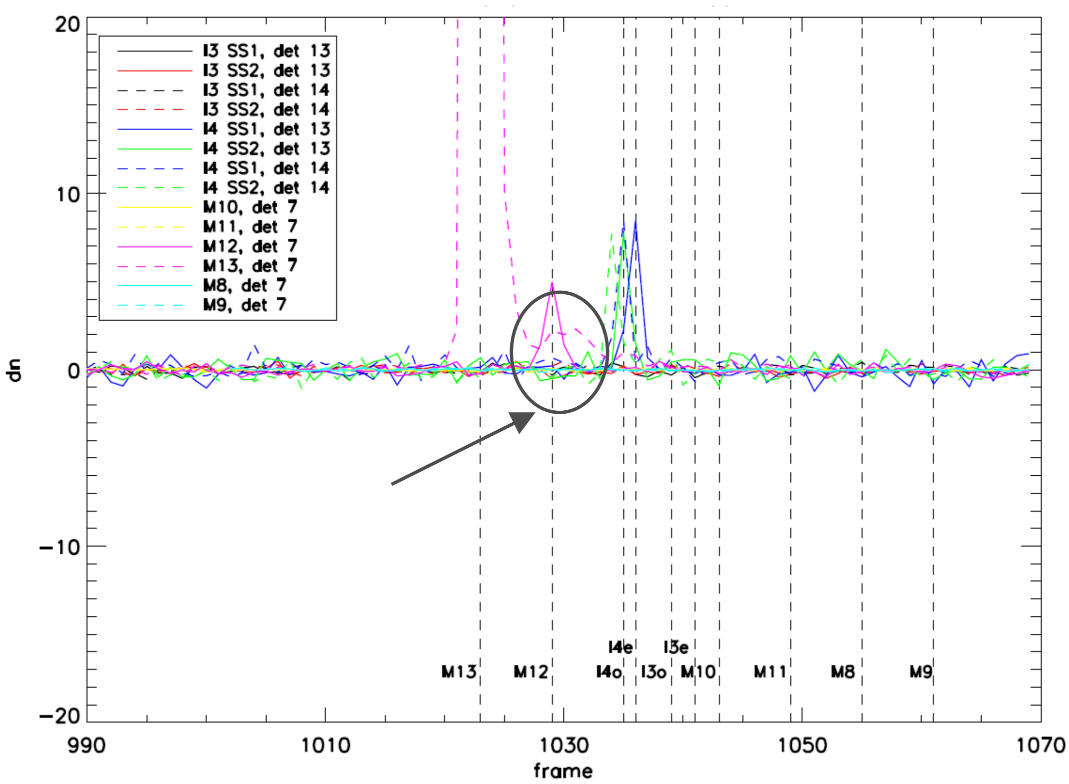
M9


I3 SS1, det 13
I3 SS2, det 13
I3 SS1, det 14
I3 SS2, det 14
I4 SS1, det 13
I4 SS2, det 13
I4 SS1, det 14
I4 SS2, det 14
M10, det 7
M11, det 7
M12, det 7
M13, det 7
M8, det 7
M9, det 7
20
10
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−10
−20
dn
990
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frame
I4e
I3e
M13
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I4o
I3o
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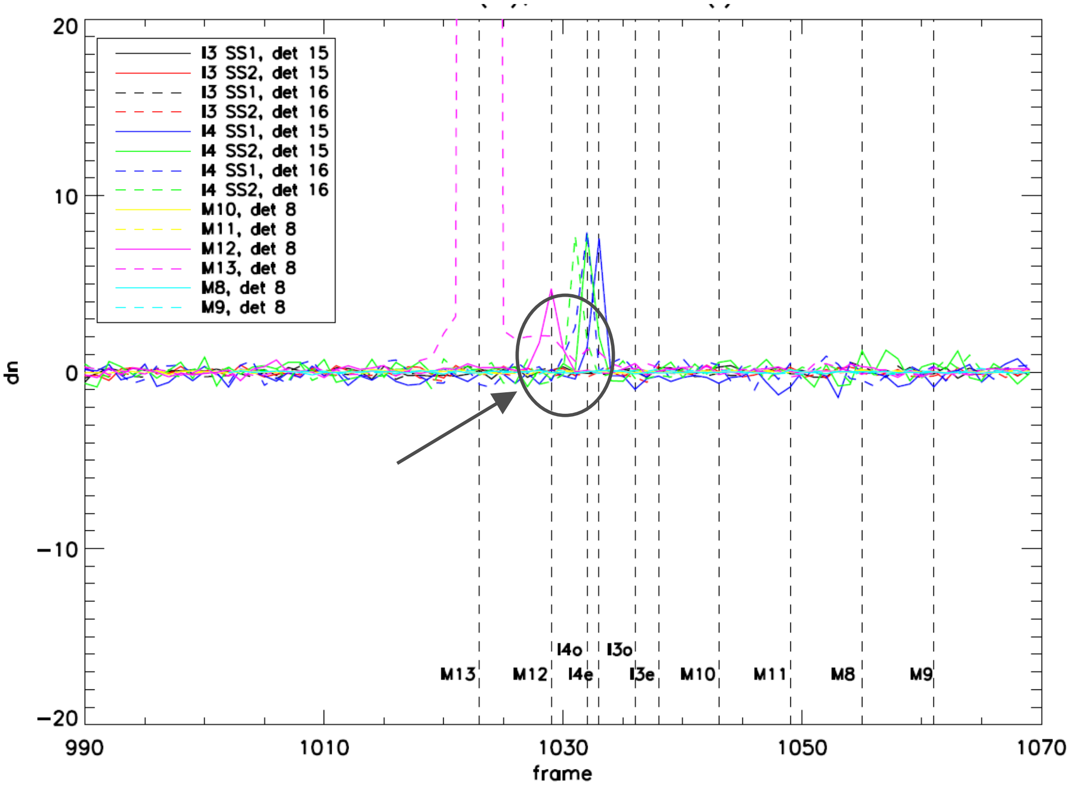
I3 SS1, det 15
I3 SS2, det 15
I3 SS1, det 16
I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
20
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frame
I4o
I3o
M13
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I4e
I3e
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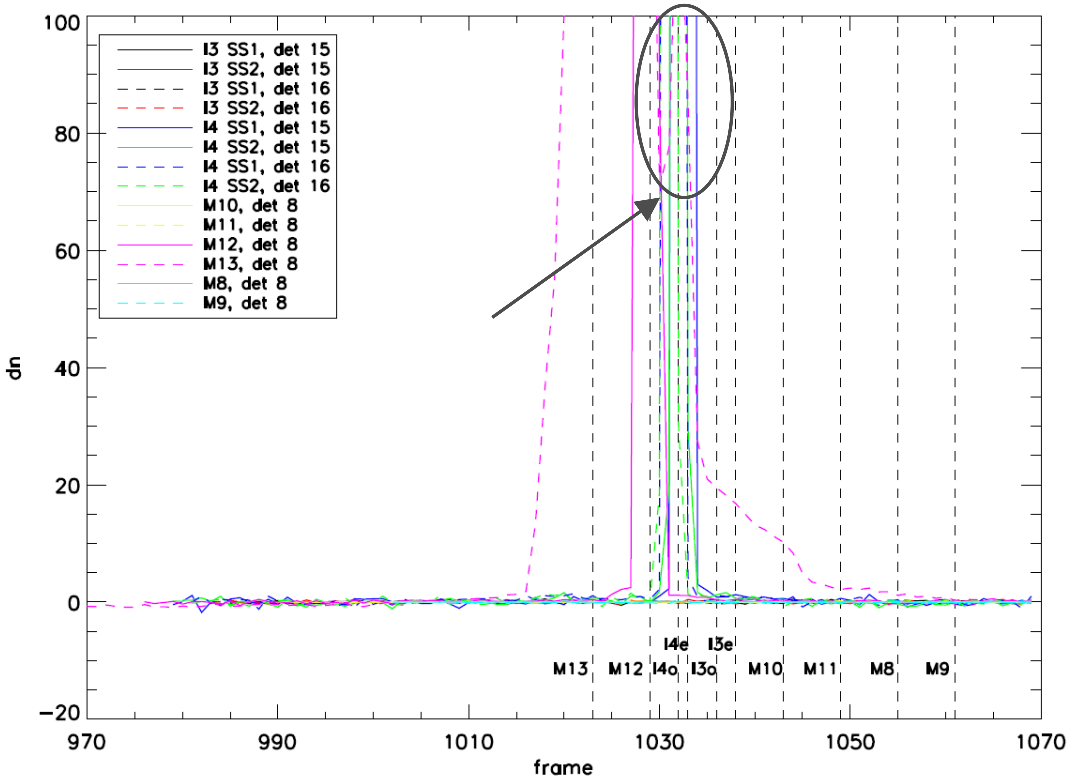
M9


I3 SS1, det 15
I3 SS2, det 15
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I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
dn
100
80
60
40
20
0
−20
frame
970
990
1010
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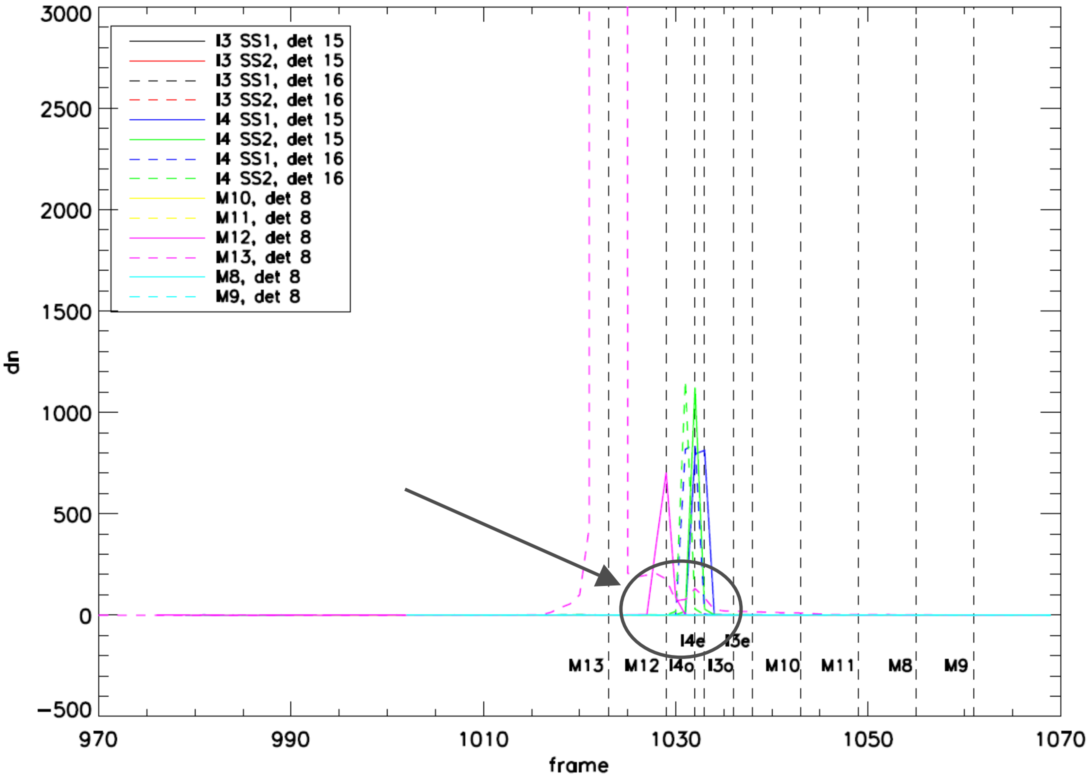
1070
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9


I3 SS1, det 15
I3 SS2, det 15
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I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
dn
3000
2500
2000
1500
1000
500
0
−500
frame
970
990
1010
1030
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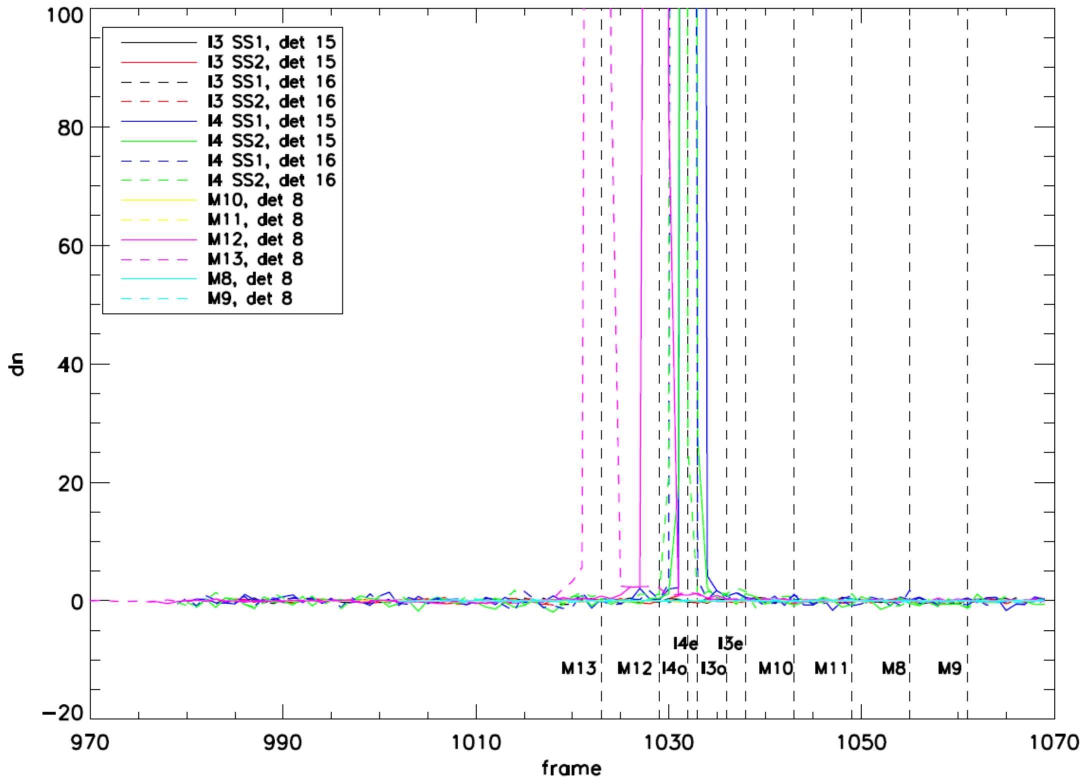
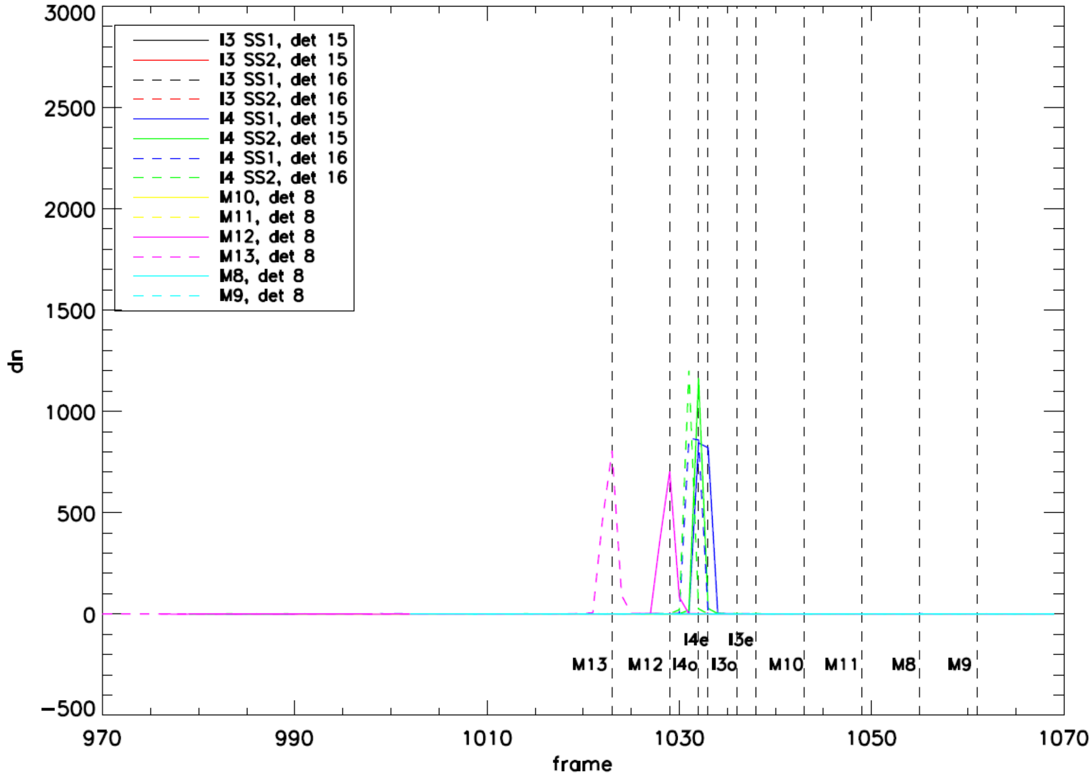
1070
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9



I3 SS1, det 15
I3 SS2, det 15
I3 SS1, det 16
I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
dn
100
80
60
40
20
0
−20
970
990
1010
1030
1050
1070
frame
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9



I3 SS1, det 15
I3 SS2, det 15
I3 SS1, det 16
I3 SS2, det 16
I4 SS1, det 15
I4 SS2, det 15
I4 SS1, det 16
I4 SS2, det 16
M10, det 8
M11, det 8
M12, det 8
M13, det 8
M8, det 8
M9, det 8
dn
3000
2500
2000
1500
1000
500
0
−500
970
990
1010
1030
1050
1070
frame
I4e
I3e
M13
M12
I4o
I3o
M10
M11
M8
M9