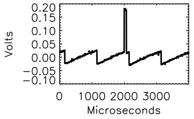
X 0, Y 0



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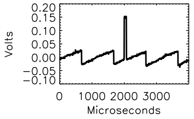

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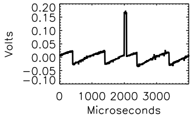

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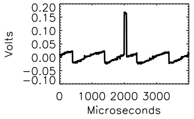

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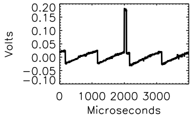
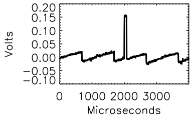


X 5, Y 0



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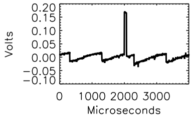
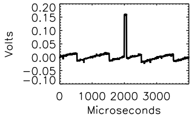


X 7, Y 0



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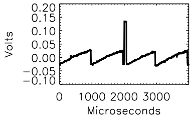

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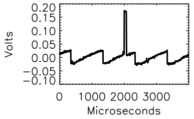

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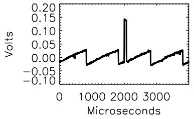

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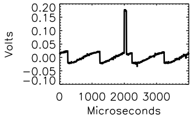

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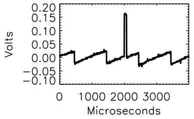
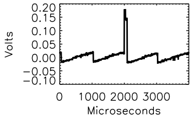


X 5, Y 1



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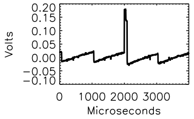
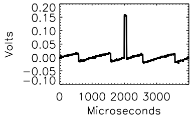
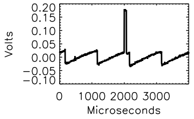


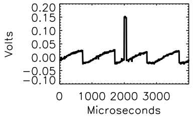
X 7, Y 1



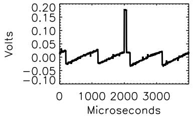
X 0, Y 2



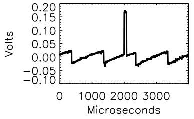
X 1, Y 2



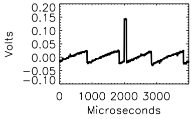
X 2, Y 2



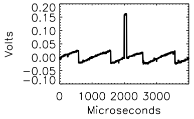
X 3, Y 2



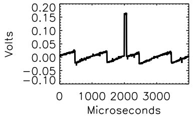
X 4, Y 2



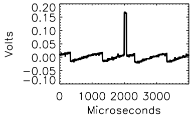
X 5, Y 2



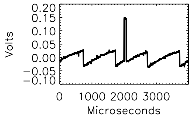
X 6, Y 2



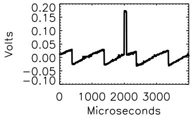
X 7, Y 2



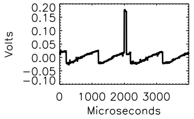
X 0, Y 3



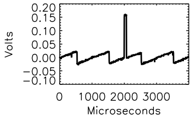
X 1, Y 3



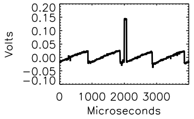
X 2, Y 3



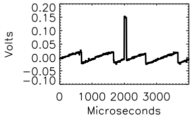
X 3, Y 3



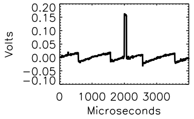
X 4, Y 3



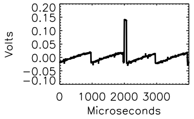
X 5, Y 3



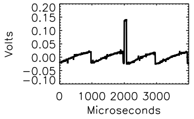
X 6, Y 3



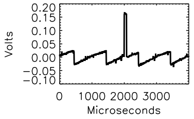
X 7, Y 3



X 0, Y 4



X 1, Y 4



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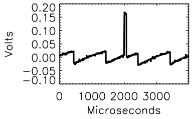
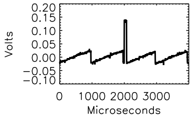


X 3, Y 4



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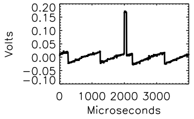
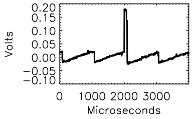
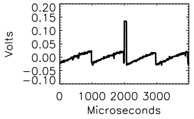


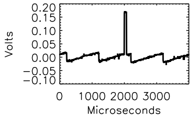
X 5, Y 4



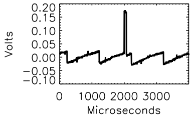
X 6, Y 4



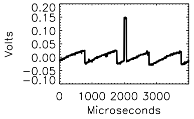
X 7, Y 4



X 0, Y 5



X 1, Y 5



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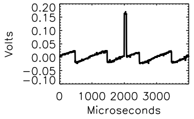
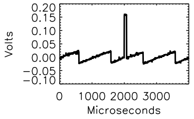
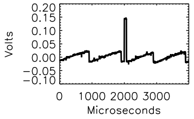


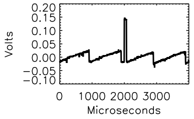
X 3, Y 5



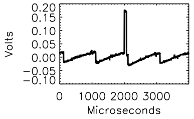
X 4, Y 5



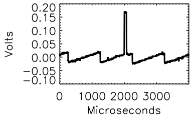
X 5, Y 5



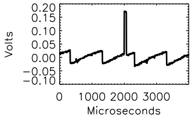
X 6, Y 5



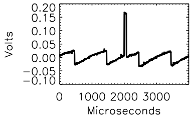
X 7, Y 5



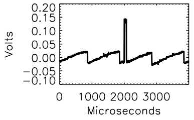
X 0, Y 6



X 1, Y 6



X 2, Y 6



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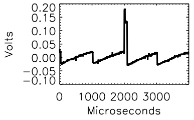

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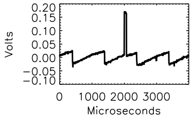
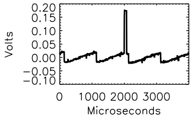
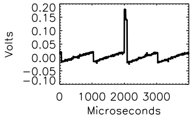


X 5, Y 6



X 6, Y 6



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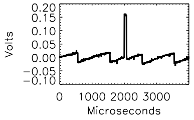
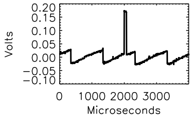
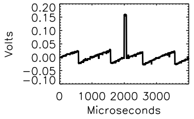


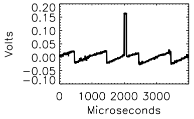
X 0, Y 7



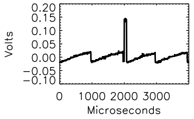
X 1, Y 7



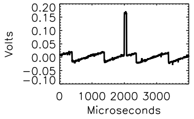
X 2, Y 7



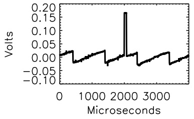
X 3, Y 7



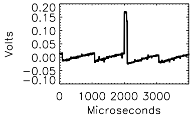
X 4, Y 7



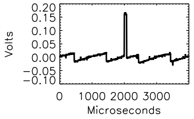
X 5, Y 7

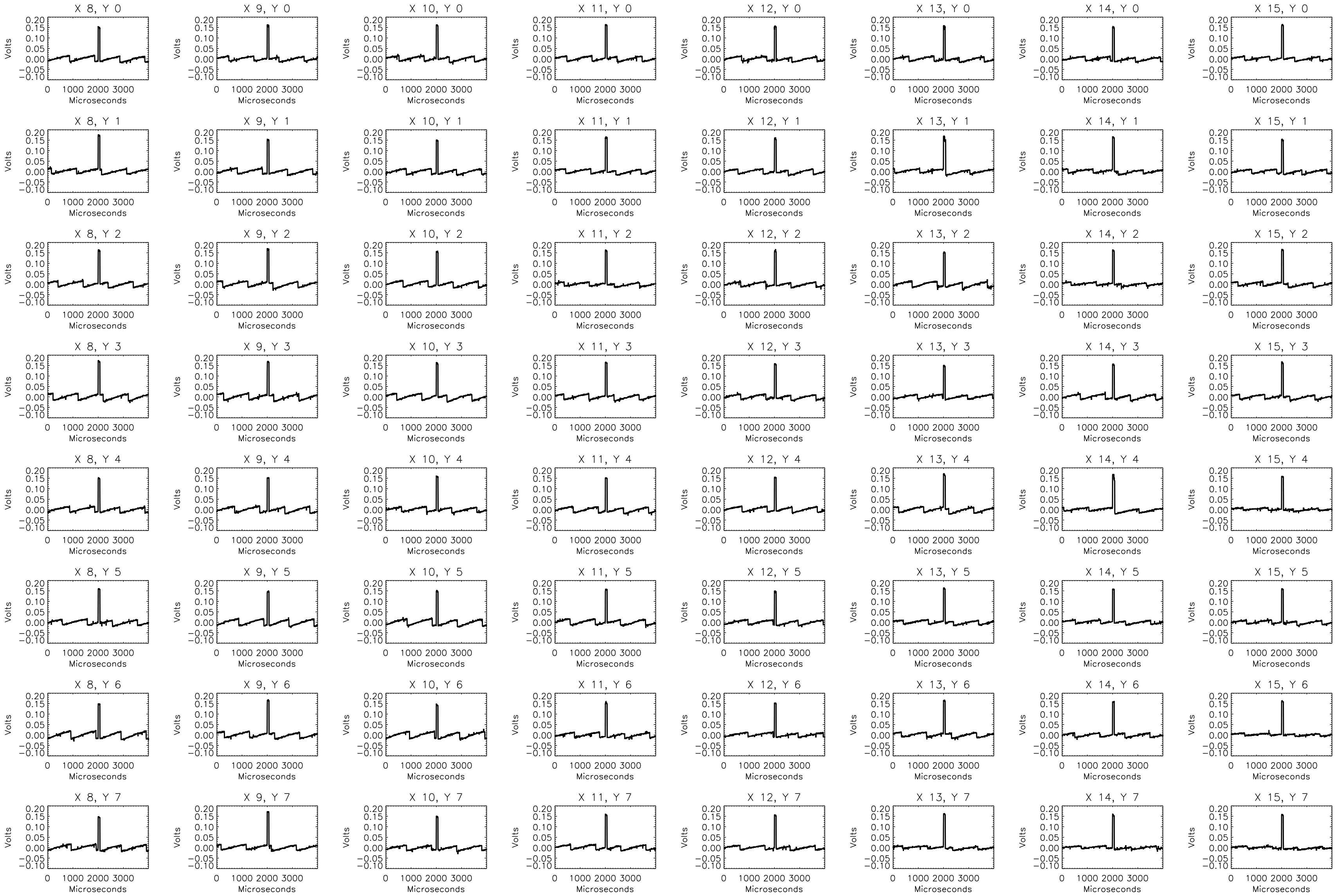


X 6, Y 7



X 7, Y 7

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X 13, Y 7
X 14, Y 7
X 15, Y 7
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0
1000
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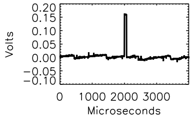
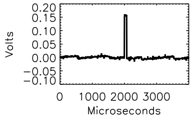
3000
Microseconds


X 16, Y 0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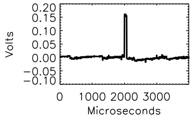
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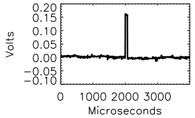
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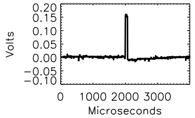
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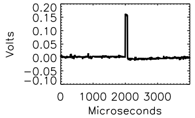
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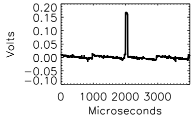
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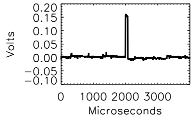
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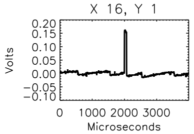
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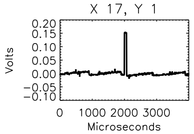
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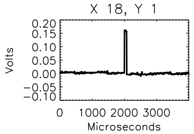
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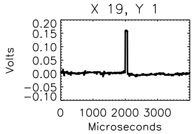
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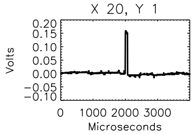
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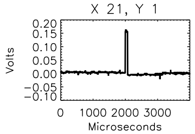
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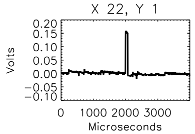
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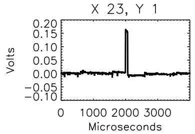
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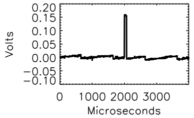
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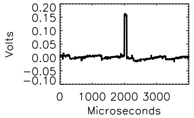
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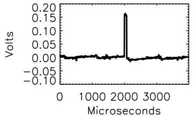
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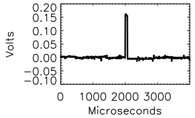
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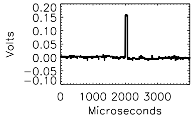
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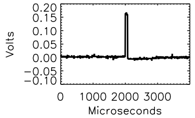
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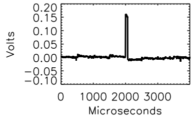
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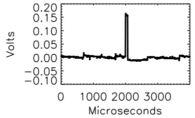
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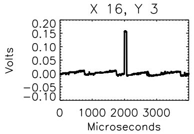
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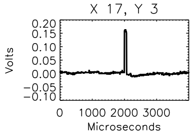
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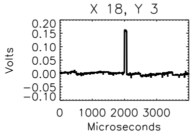
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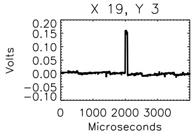
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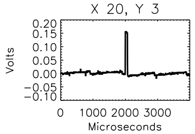
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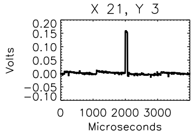
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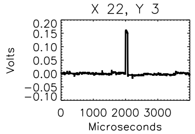
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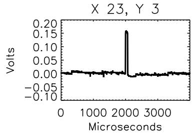
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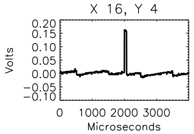
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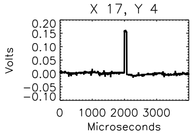
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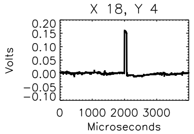
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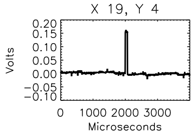
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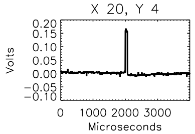
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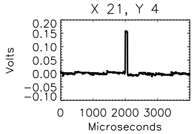
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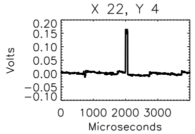
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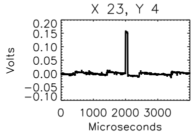
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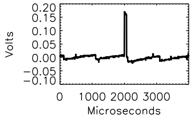
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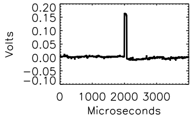
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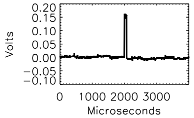
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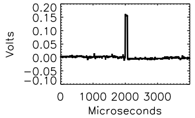
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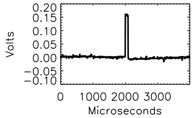
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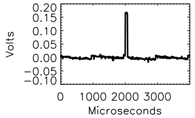
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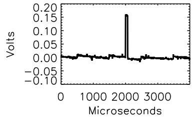
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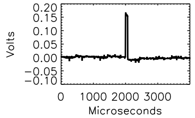
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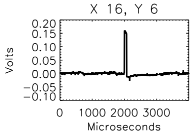
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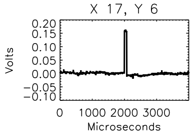
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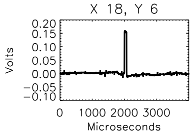
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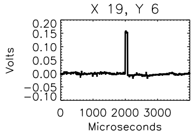
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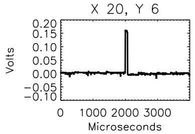
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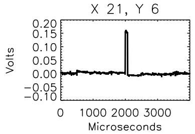
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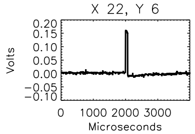
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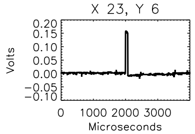
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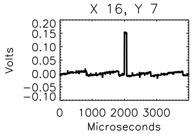
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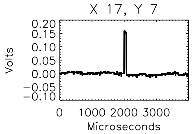
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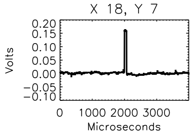
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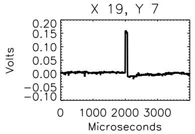
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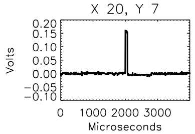
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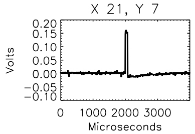
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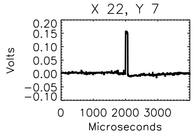
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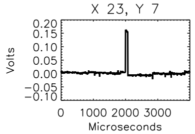
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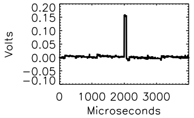
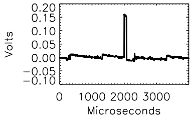
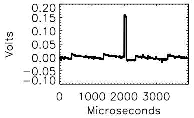


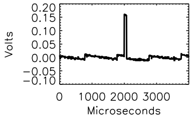
X 24, Y 0



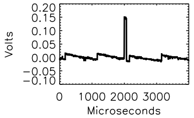
X 25, Y 0



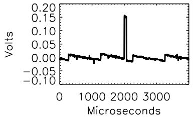
X 26, Y 0



X 27, Y 0



X 28, Y 0



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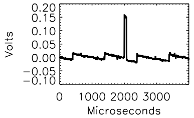
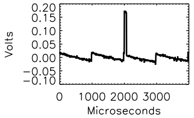
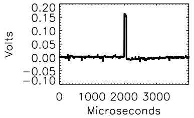


X 30, Y 0



X 31, Y 0



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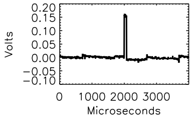

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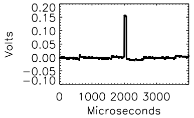

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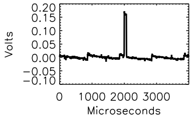

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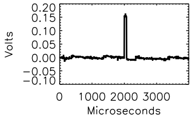

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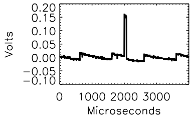

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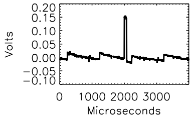

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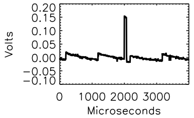

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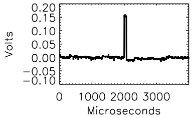

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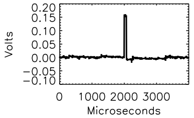

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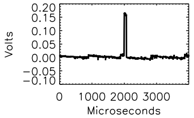

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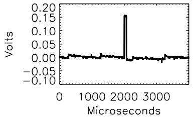

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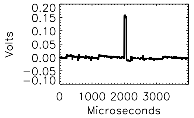

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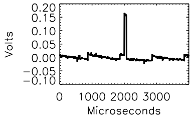

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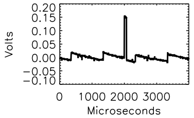

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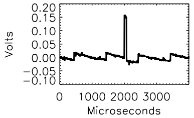

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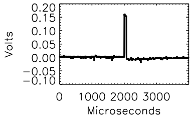

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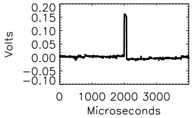

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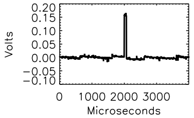

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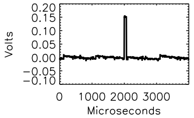

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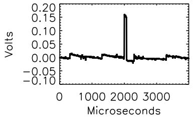

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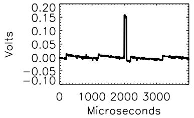

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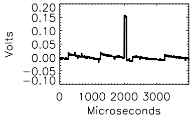

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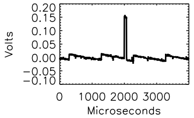

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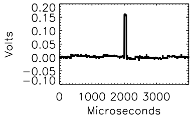

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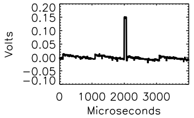

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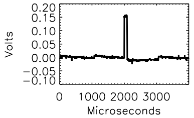

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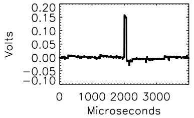

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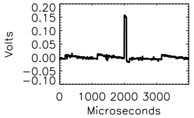

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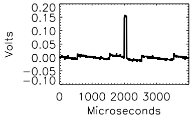

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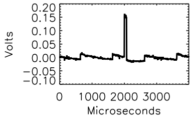

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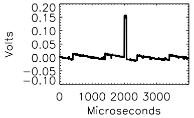

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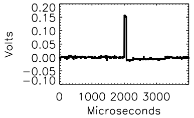

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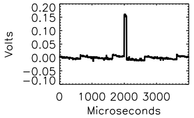

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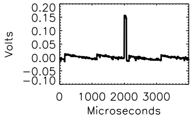

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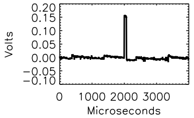

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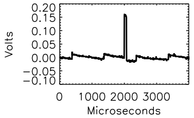

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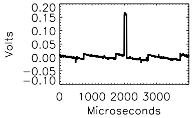

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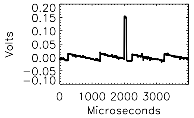

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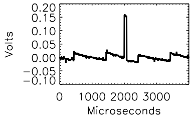

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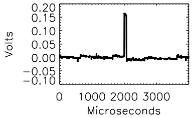

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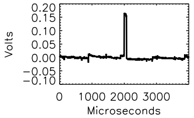

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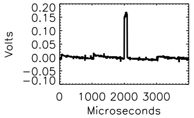

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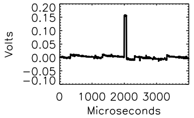

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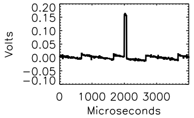

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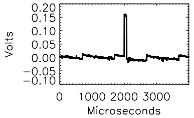

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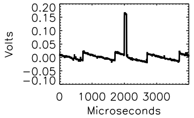

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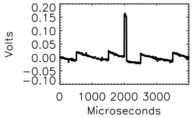

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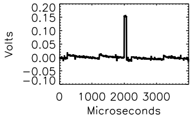

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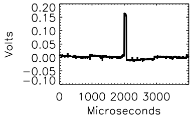

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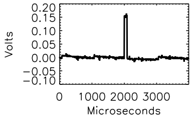

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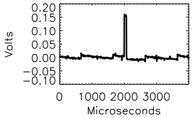

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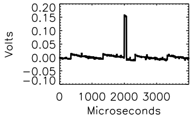

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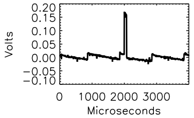

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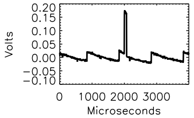

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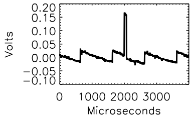

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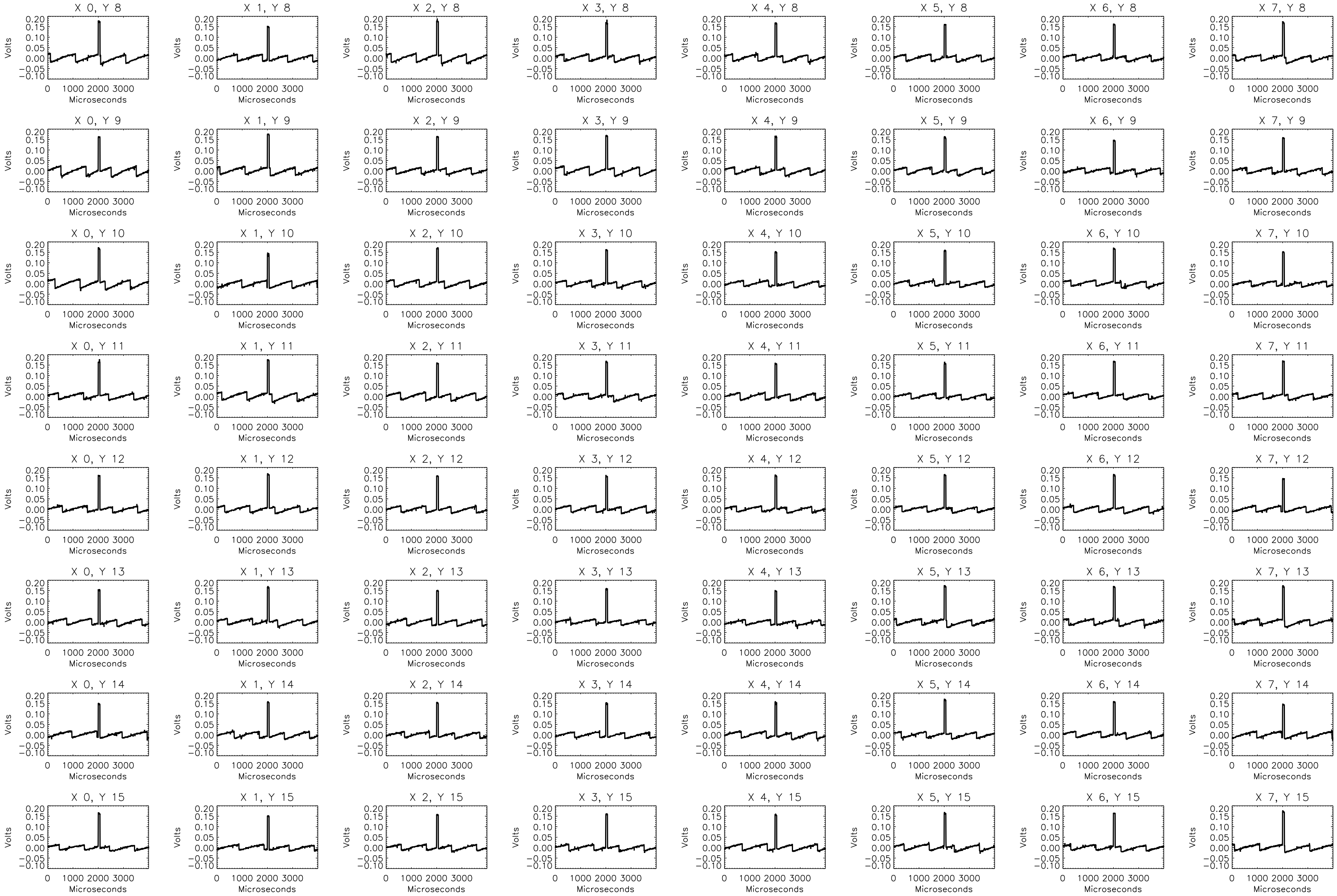
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X 6, Y 15
X 7, Y 15
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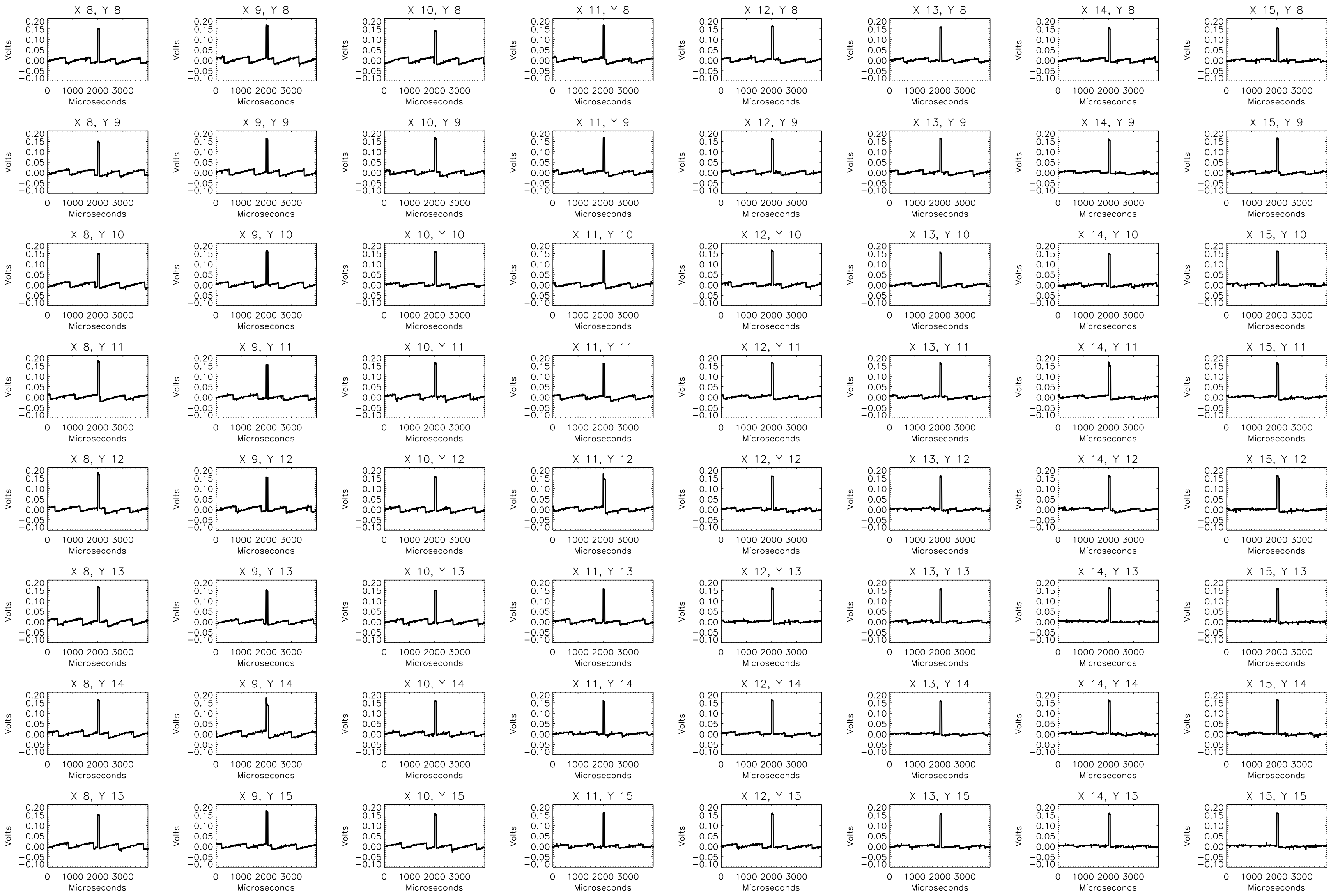
−0.10
0
1000
2000
3000
Microseconds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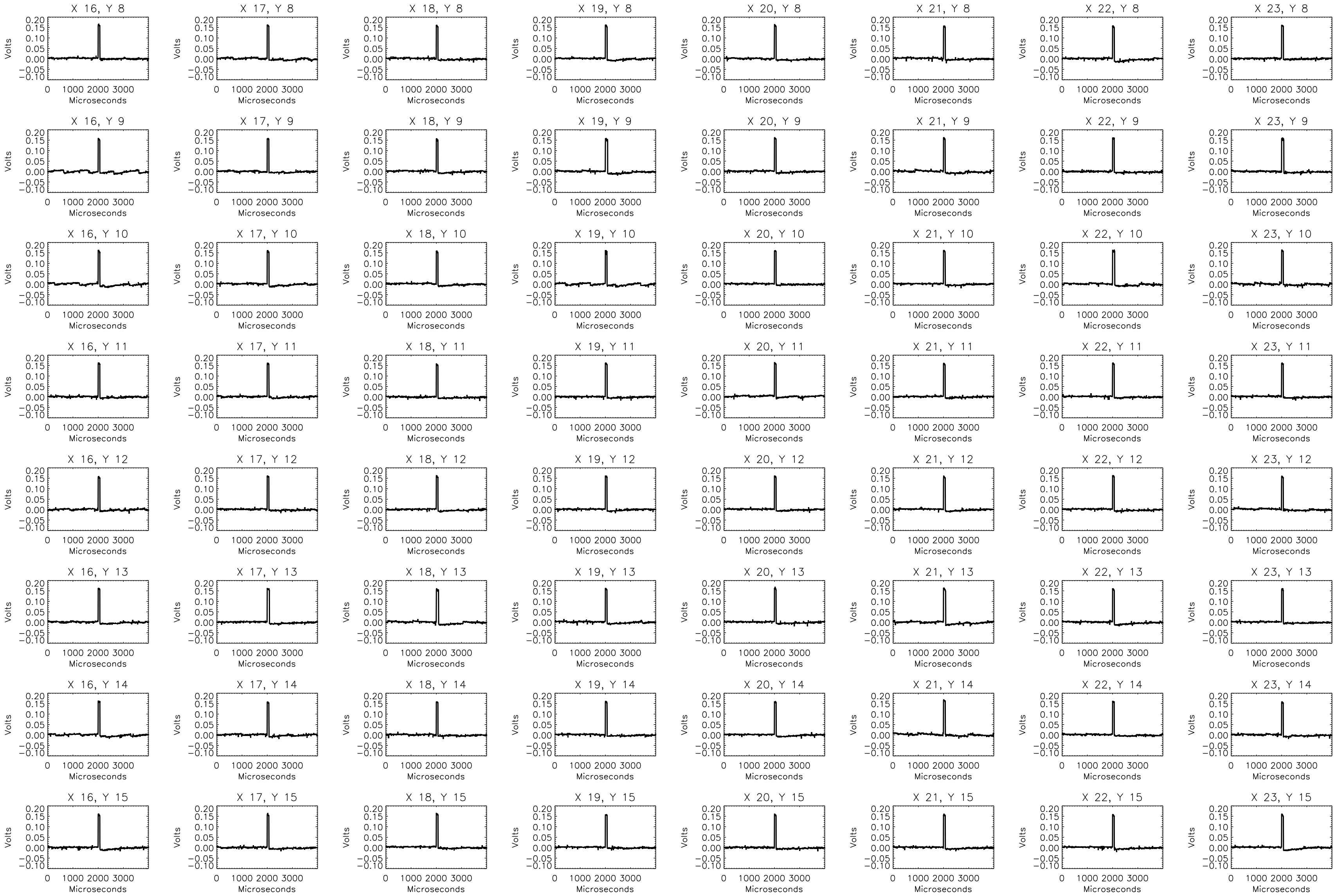
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X 23, Y 14
X 16, Y 15
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X 19, Y 15
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X 23, Y 15
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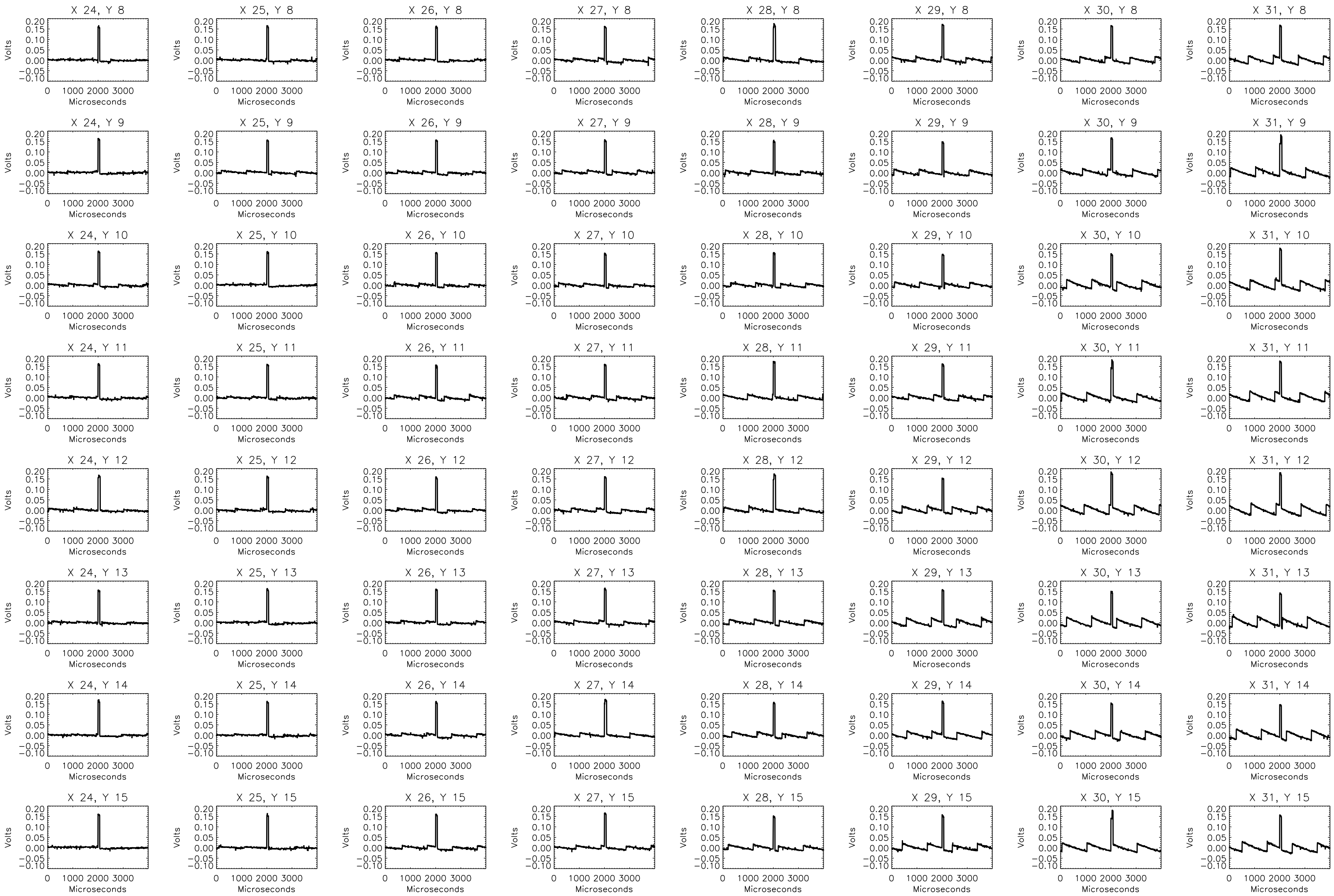
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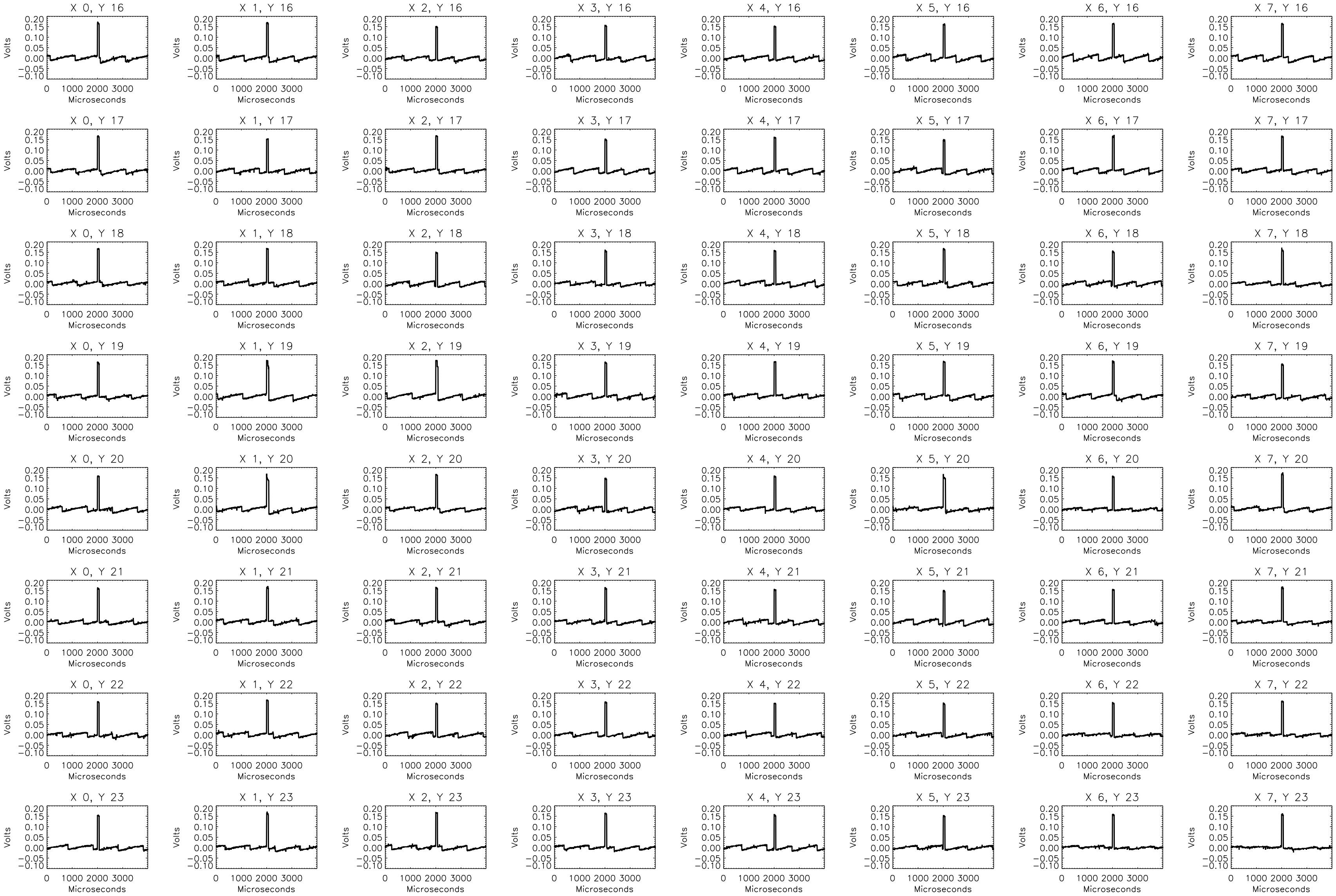
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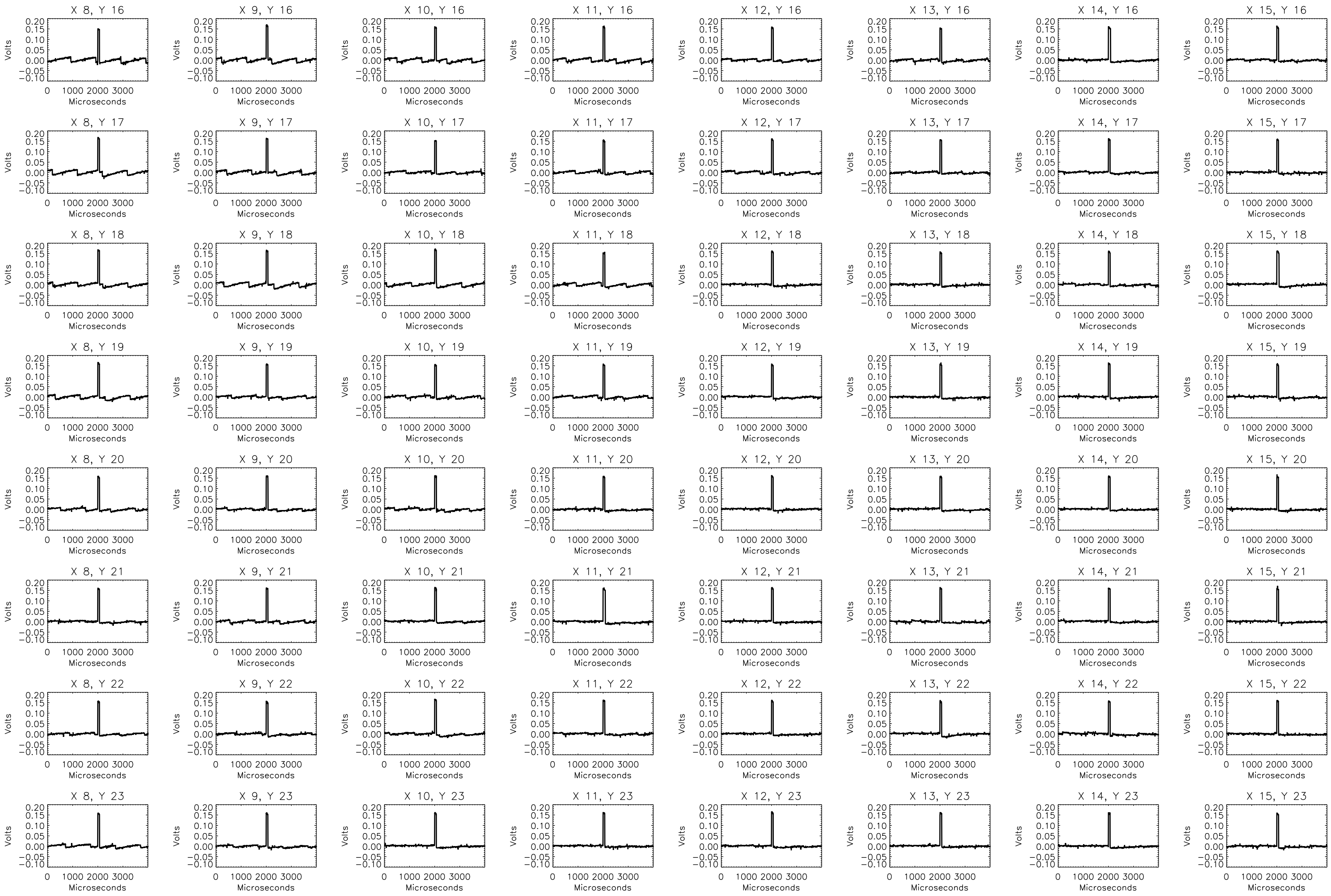
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X 15, Y 23
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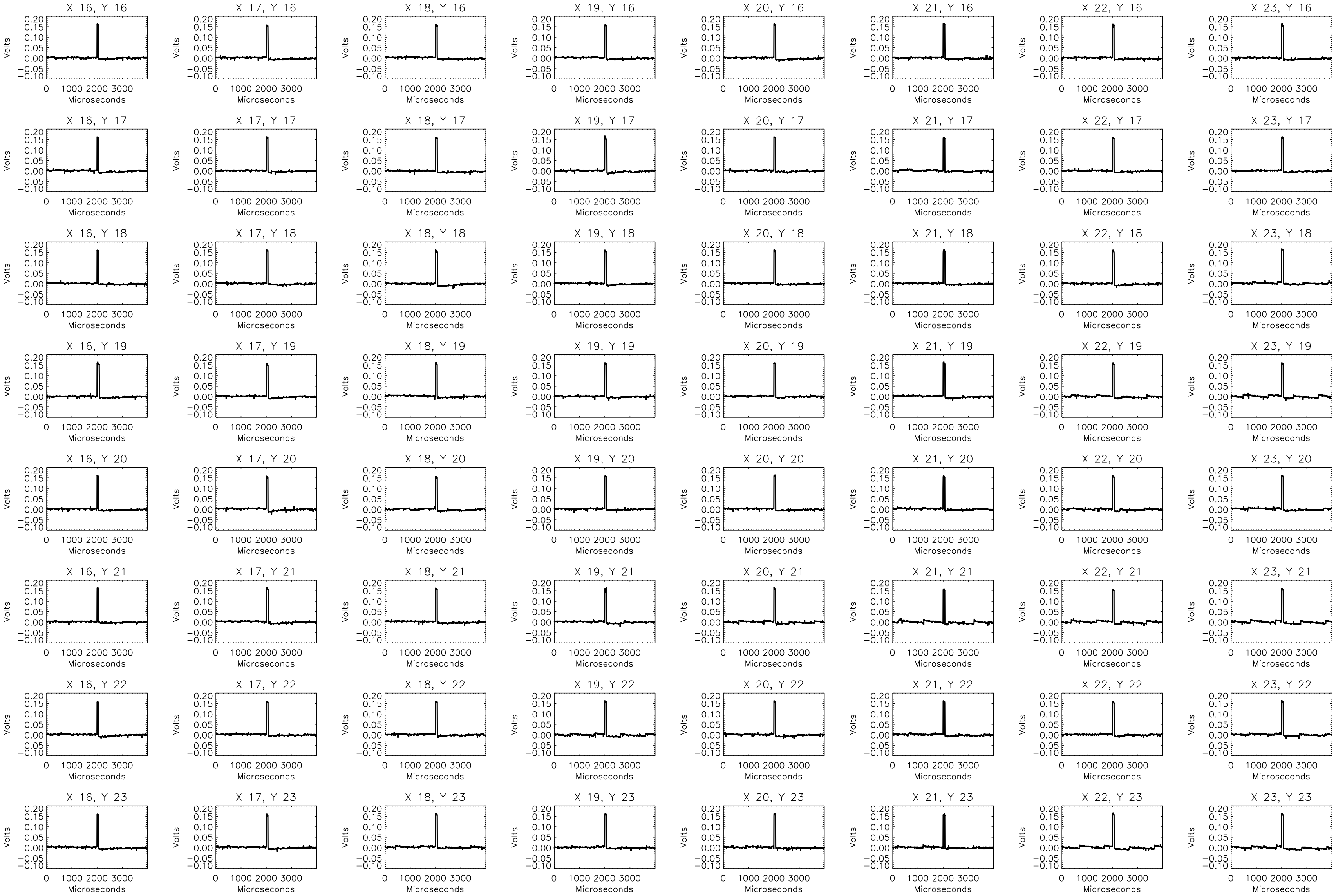
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X 23, Y 23
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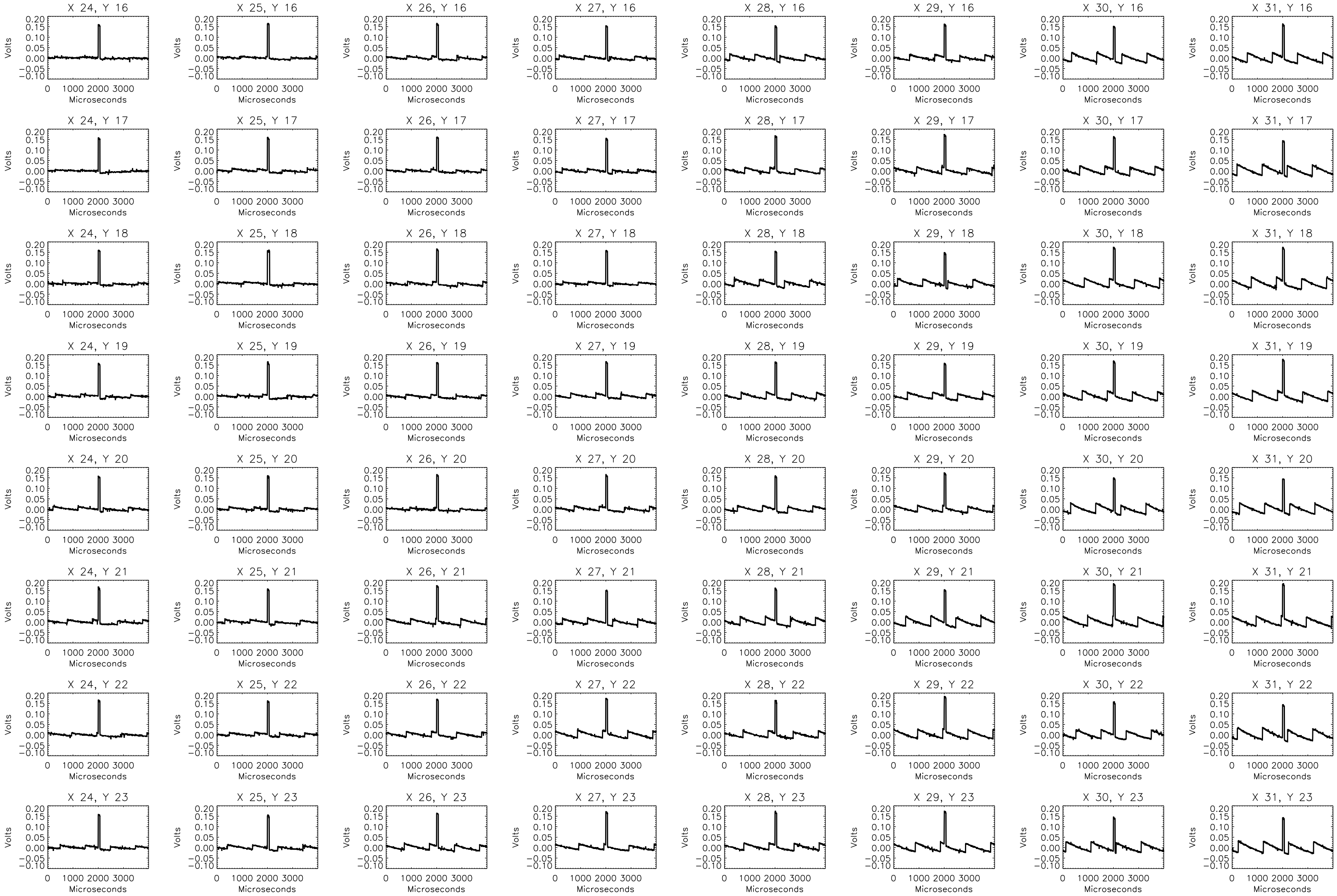
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X 30, Y 23
X 31, Y 23
Volts
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0
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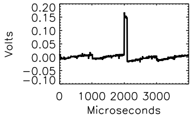
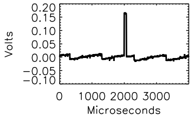
2000
3000
Microseconds

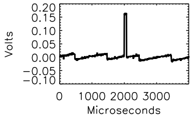
X 0, Y 24



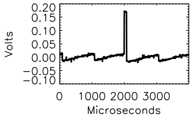
X 1, Y 24



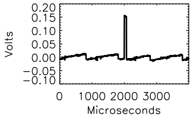
X 2, Y 24



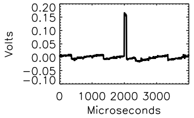
X 3, Y 24



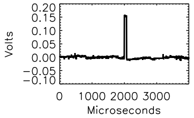
X 4, Y 24



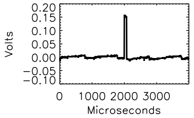
X 5, Y 24



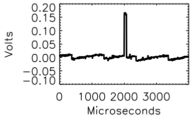
X 6, Y 24



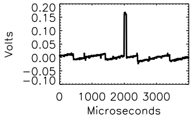
X 7, Y 24



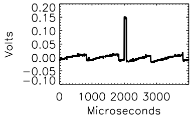
X 0, Y 25



X 1, Y 25



X 2, Y 25



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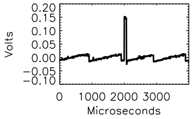
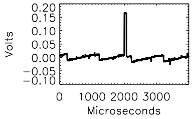
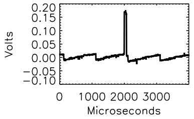


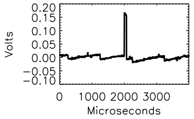
X 4, Y 25



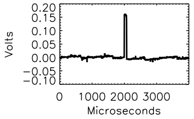
X 5, Y 25



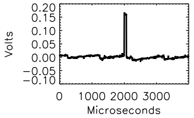
X 6, Y 25



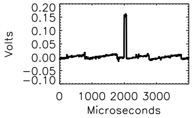
X 7, Y 25



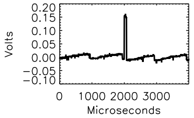
X 0, Y 26



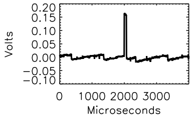
X 1, Y 26



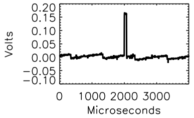
X 2, Y 26



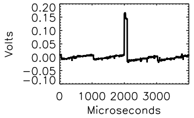
X 3, Y 26



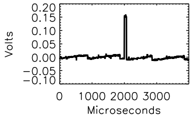
X 4, Y 26



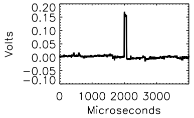
X 5, Y 26



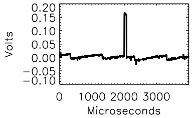
X 6, Y 26



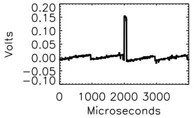
X 7, Y 26



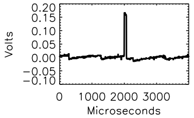
X 0, Y 27



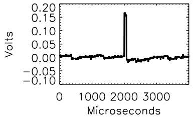
X 1, Y 27



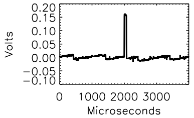
X 2, Y 27



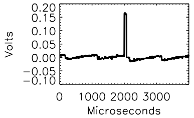
X 3, Y 27



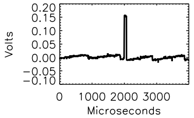
X 4, Y 27



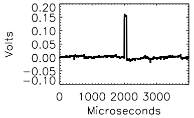
X 5, Y 27



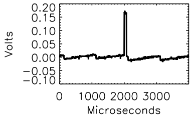
X 6, Y 27



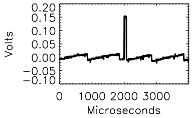
X 7, Y 27



X 0, Y 28



X 1, Y 28



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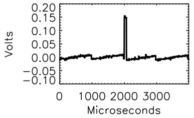
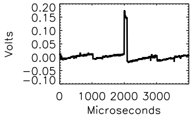
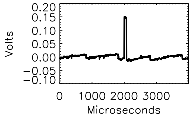


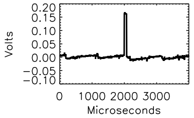
X 3, Y 28



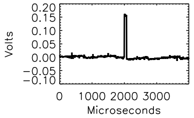
X 4, Y 28



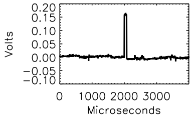
X 5, Y 28



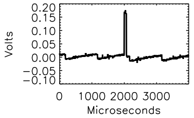
X 6, Y 28



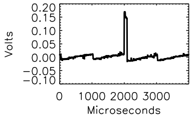
X 7, Y 28



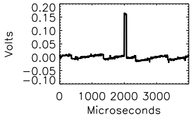
X 0, Y 29



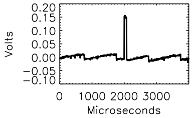
X 1, Y 29



X 2, Y 29



X 3, Y 29



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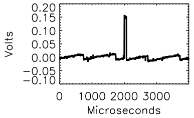

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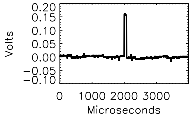

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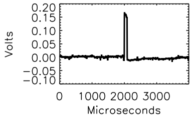
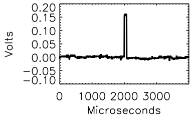
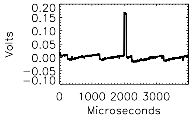


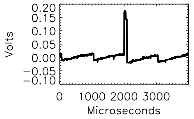
X 7, Y 29



X 0, Y 30



X 1, Y 30



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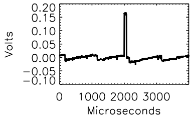

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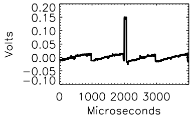

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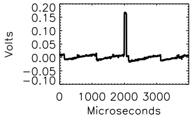

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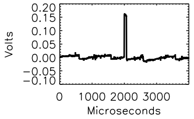

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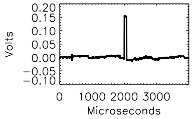

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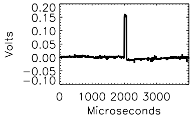
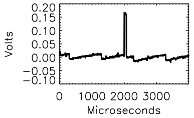


X 0, Y 31



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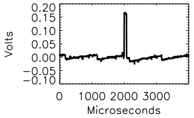

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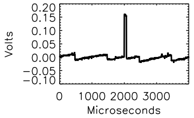

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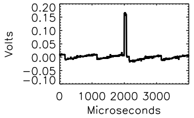

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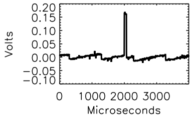
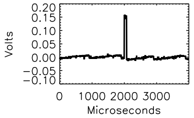


X 5, Y 31



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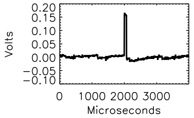
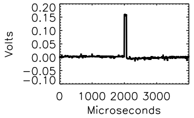
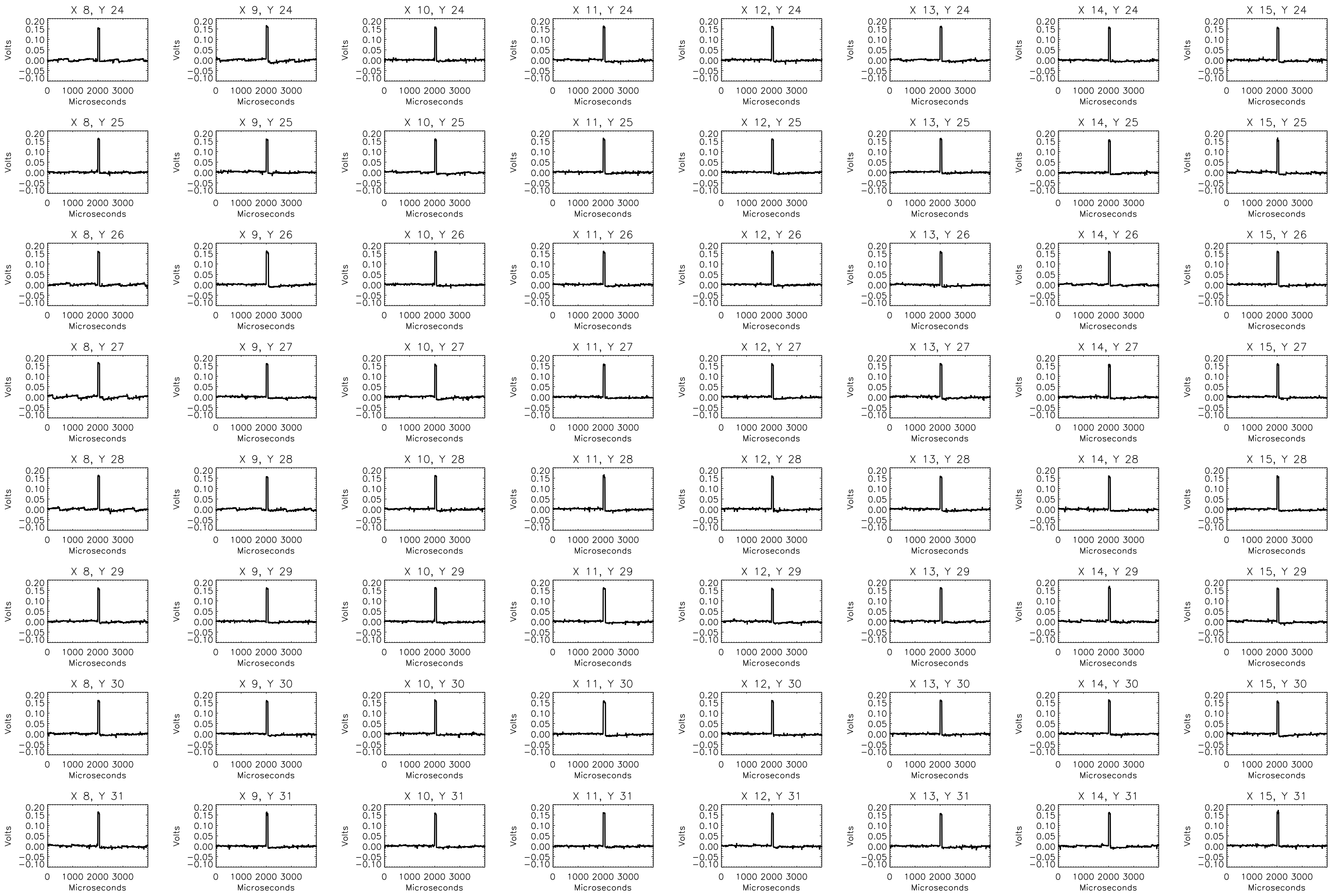


X 7, Y 31

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X 10, Y 24
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X 9, Y 25
X 10, Y 25
X 11, Y 25
X 12, Y 25
X 13, Y 25
X 14, Y 25
X 15, Y 25
X 8, Y 26
X 9, Y 26
X 10, Y 26
X 11, Y 26
X 12, Y 26
X 13, Y 26
X 14, Y 26
X 15, Y 26
X 8, Y 27
X 9, Y 27
X 10, Y 27
X 11, Y 27
X 12, Y 27
X 13, Y 27
X 14, Y 27
X 15, Y 27
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X 10, Y 29
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X 14, Y 29
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X 9, Y 30
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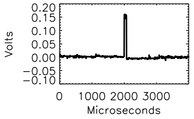
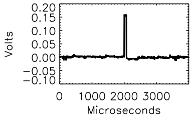
X 14, Y 30
X 15, Y 30
X 8, Y 31
X 9, Y 31
X 10, Y 31
X 11, Y 31
X 12, Y 31
X 13, Y 31
X 14, Y 31
X 15, Y 31
Volts
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
1000
2000
3000
Microseconds

X 16, Y 24



X 17, Y 24



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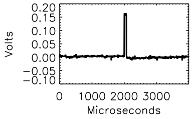
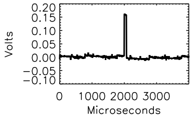
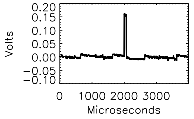


X 19, Y 24



X 20, Y 24



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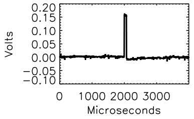
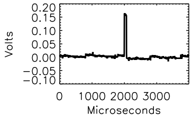


X 22, Y 24



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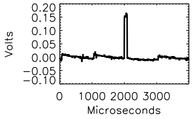
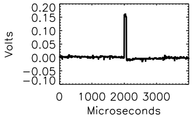


X 16, Y 25



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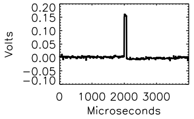
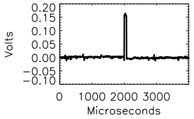


X 18, Y 25



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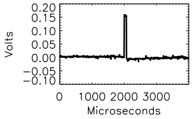
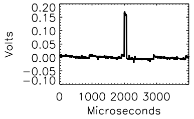


X 20, Y 25



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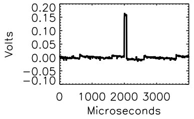
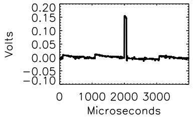
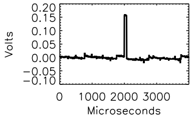


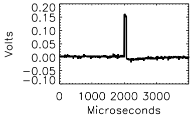
X 22, Y 25



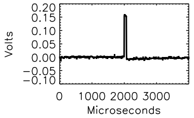
X 23, Y 25



X 16, Y 26



X 17, Y 26



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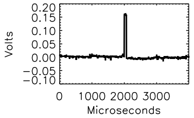

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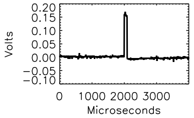
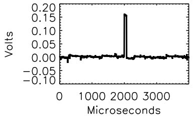
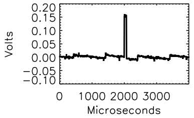


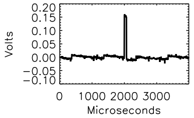
X 20, Y 26



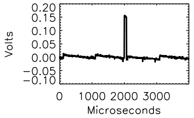
X 21, Y 26



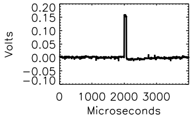
X 22, Y 26



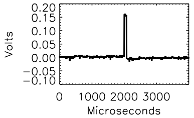
X 23, Y 26



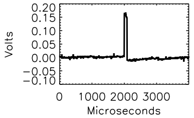
X 16, Y 27



X 17, Y 27



X 18, Y 27



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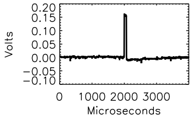
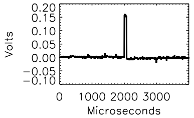
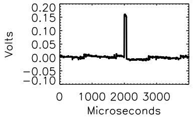


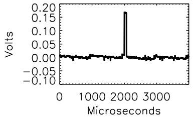
X 20, Y 27



X 21, Y 27



X 22, Y 27



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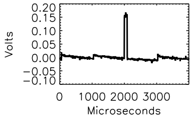
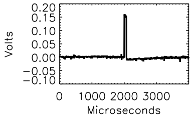
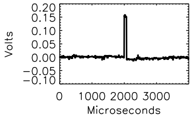


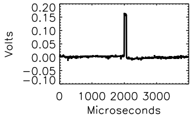
X 16, Y 28



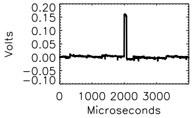
X 17, Y 28



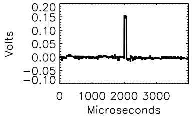
X 18, Y 28



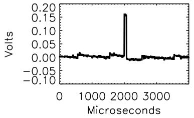
X 19, Y 28



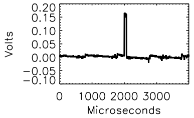
X 20, Y 28



X 21, Y 28



X 22, Y 28



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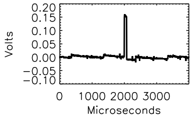
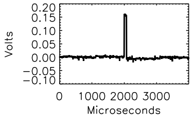
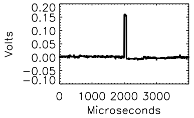


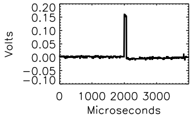
X 16, Y 29



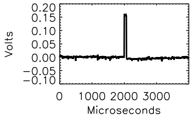
X 17, Y 29



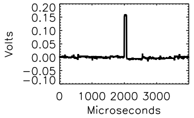
X 18, Y 29



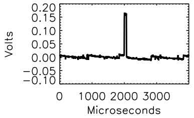
X 19, Y 29



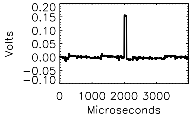
X 20, Y 29



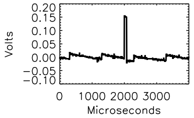
X 21, Y 29



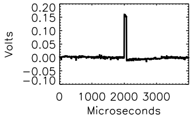
X 22, Y 29



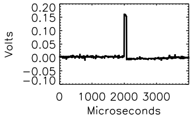
X 23, Y 29



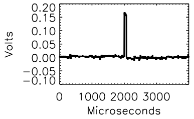
X 16, Y 30



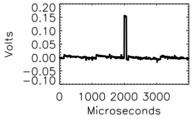
X 17, Y 30



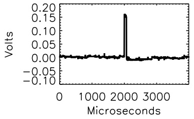
X 18, Y 30



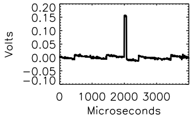
X 19, Y 30



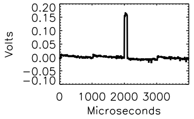
X 20, Y 30



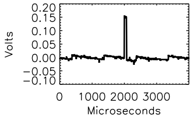
X 21, Y 30



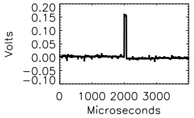
X 22, Y 30



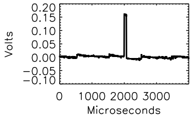
X 23, Y 30



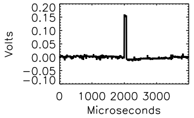
X 16, Y 31



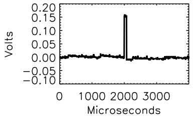
X 17, Y 31



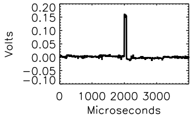
X 18, Y 31



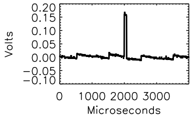
X 19, Y 31



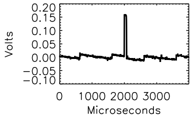
X 20, Y 31



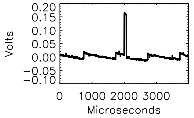
X 21, Y 31

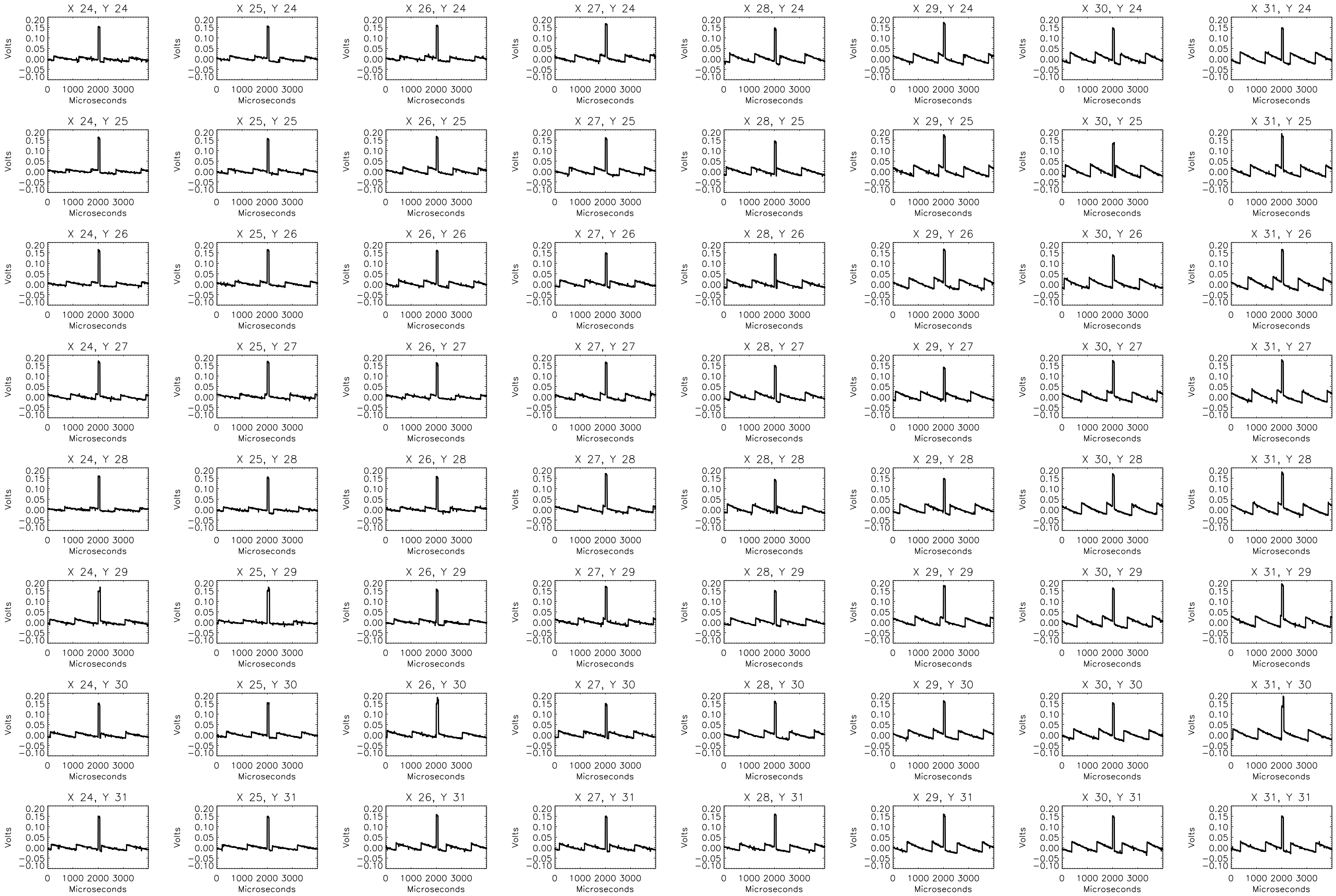


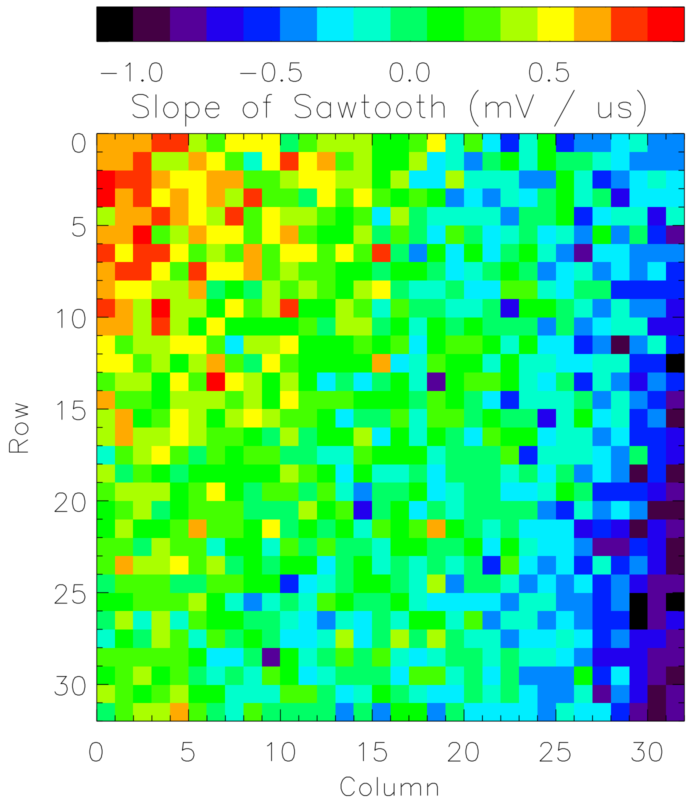
X 22, Y 31

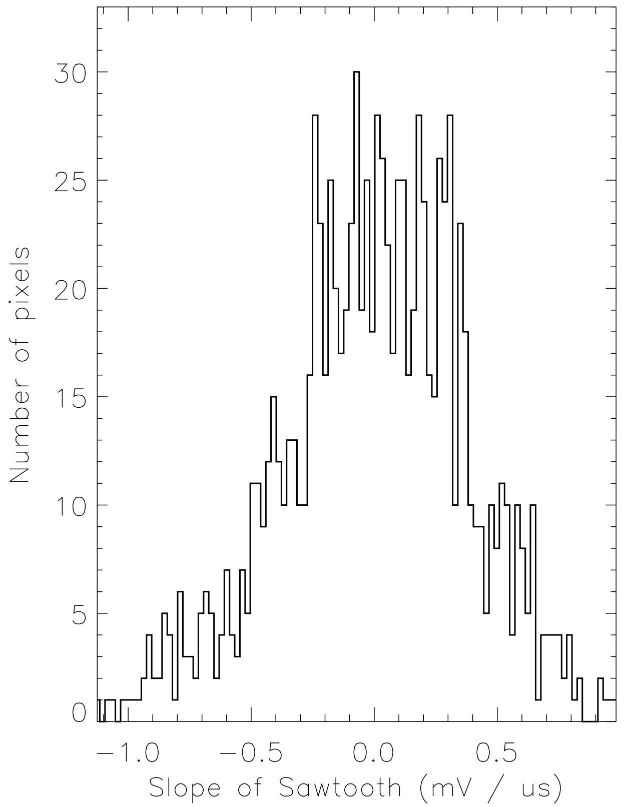


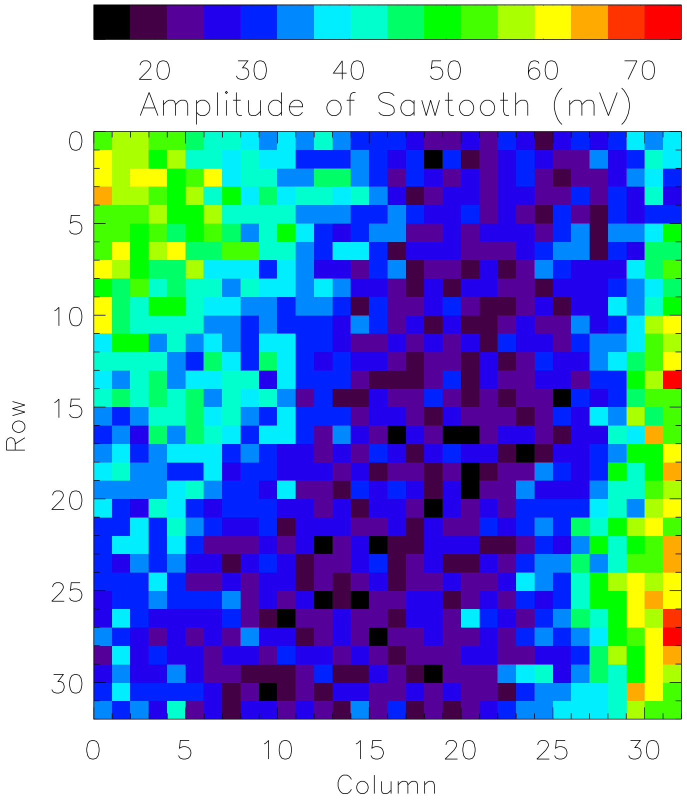
X 23, Y 31

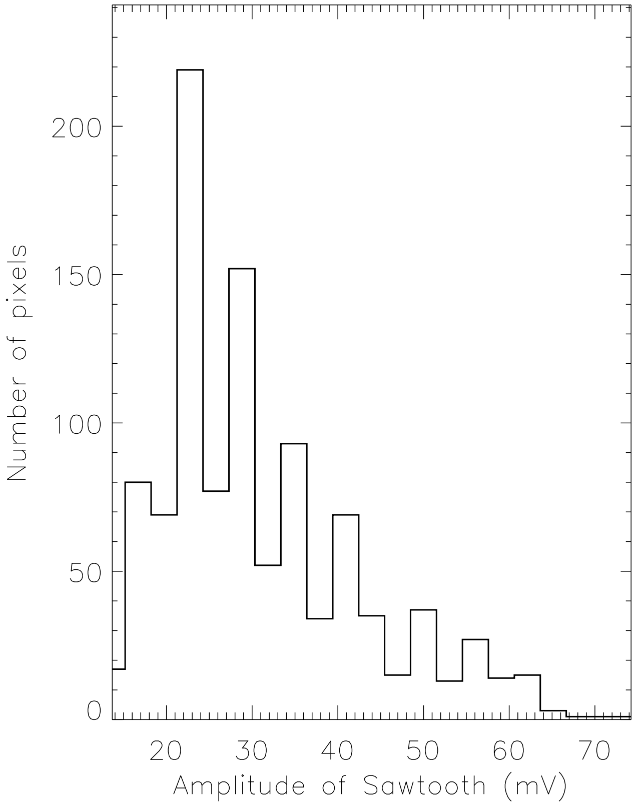



X 24, Y 24
X 25, Y 24
X 26, Y 24
X 27, Y 24
X 28, Y 24
X 29, Y 24
X 30, Y 24
X 31, Y 24
X 24, Y 25
X 25, Y 25
X 26, Y 25
X 27, Y 25
X 28, Y 25
X 29, Y 25
X 30, Y 25
X 31, Y 25
X 24, Y 26
X 25, Y 26
X 26, Y 26
X 27, Y 26
X 28, Y 26
X 29, Y 26
X 30, Y 26
X 31, Y 26
X 24, Y 27
X 25, Y 27
X 26, Y 27
X 27, Y 27
X 28, Y 27
X 29, Y 27
X 30, Y 27
X 31, Y 27
X 24, Y 28
X 25, Y 28
X 26, Y 28
X 27, Y 28
X 28, Y 28
X 29, Y 28
X 30, Y 28
X 31, Y 28
X 24, Y 29
X 25, Y 29
X 26, Y 29
X 27, Y 29
X 28, Y 29
X 29, Y 29
X 30, Y 29
X 31, Y 29
X 24, Y 30
X 25, Y 30
X 26, Y 30
X 27, Y 30
X 28, Y 30
X 29, Y 30
X 30, Y 30
X 31, Y 30
X 24, Y 31
X 25, Y 31
X 26, Y 31
X 27, Y 31
X 28, Y 31
X 29, Y 31
X 30, Y 31
X 31, Y 31
Volts
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
1000
2000
3000
Microseconds


−1.0
−0.5
0.0
0.5
Slope of Sawtooth (mV / us)
Row
0
5
10
15
20
25
30
Column


Number of pixels
0
5
10
15
20
25
30
−1.0
−0.5
0.0
0.5
Slope of Sawtooth (mV / us)


20
30
40
50
60
70
Amplitude of Sawtooth (mV)
0
5
10
15
20
25
30
Row
0
5
10
15
20
25
30
Column


0
50
100
150
200
Number of pixels
20
30
40
50
60
70
Amplitude of Sawtooth (mV)