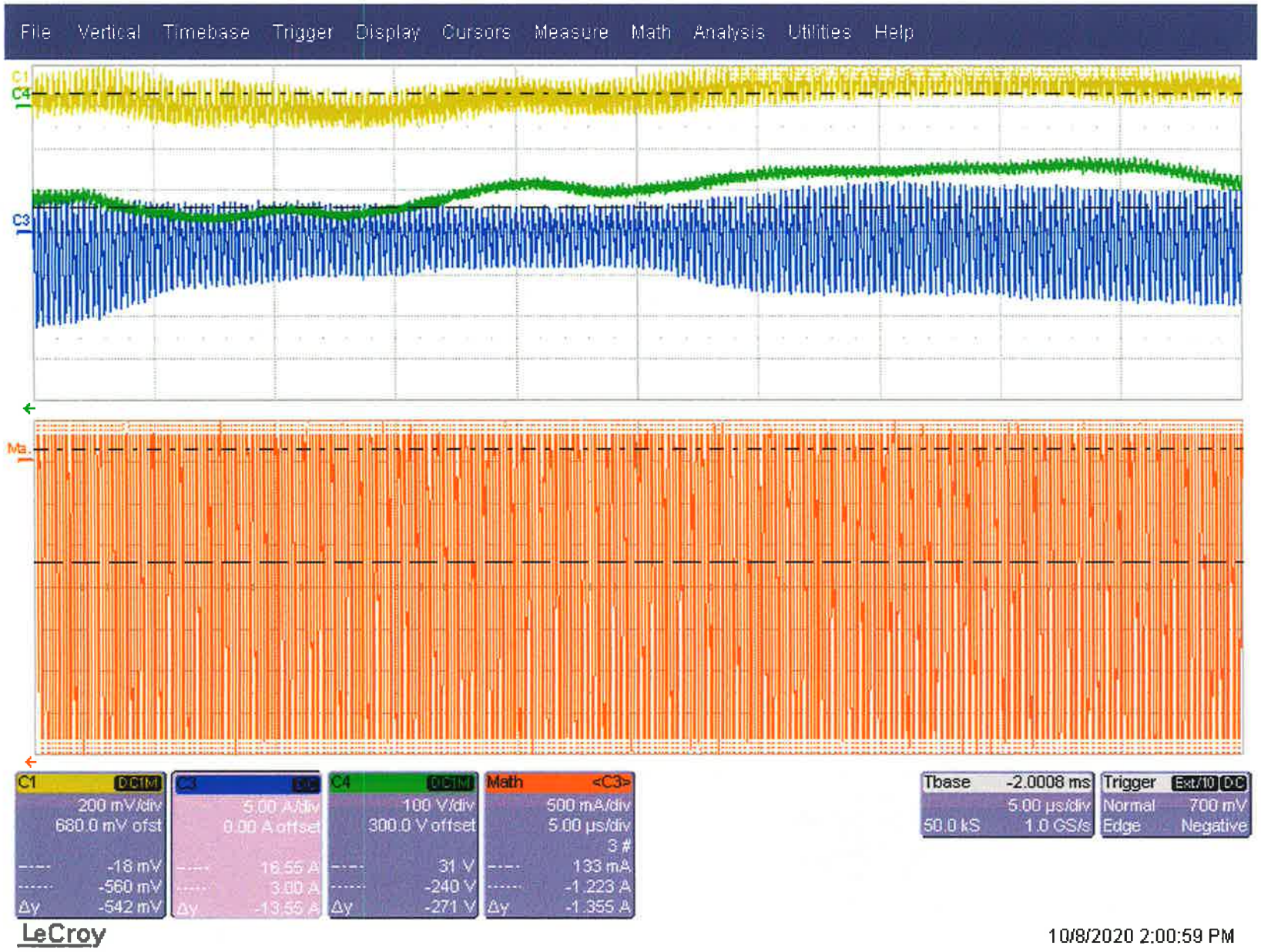
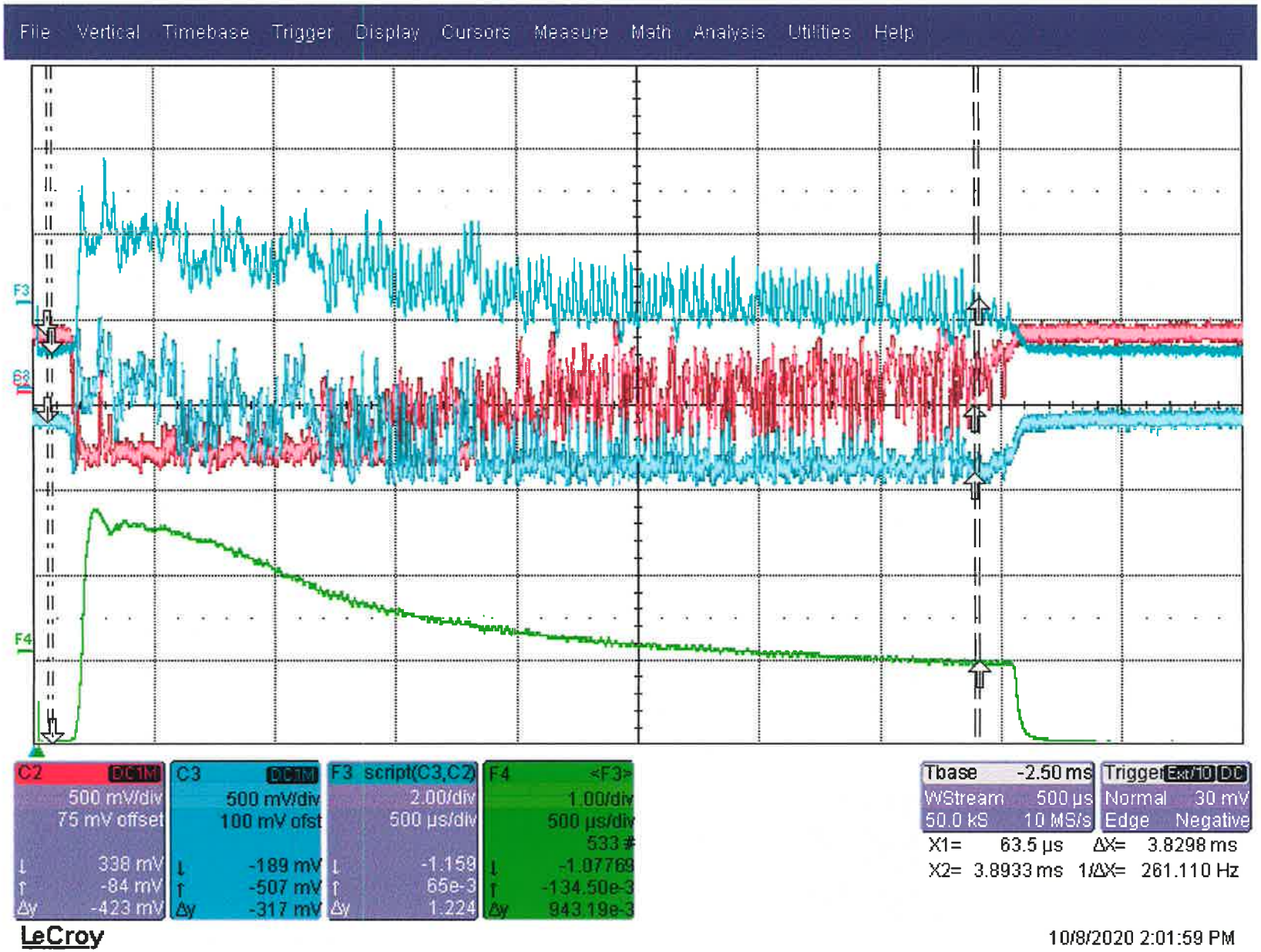
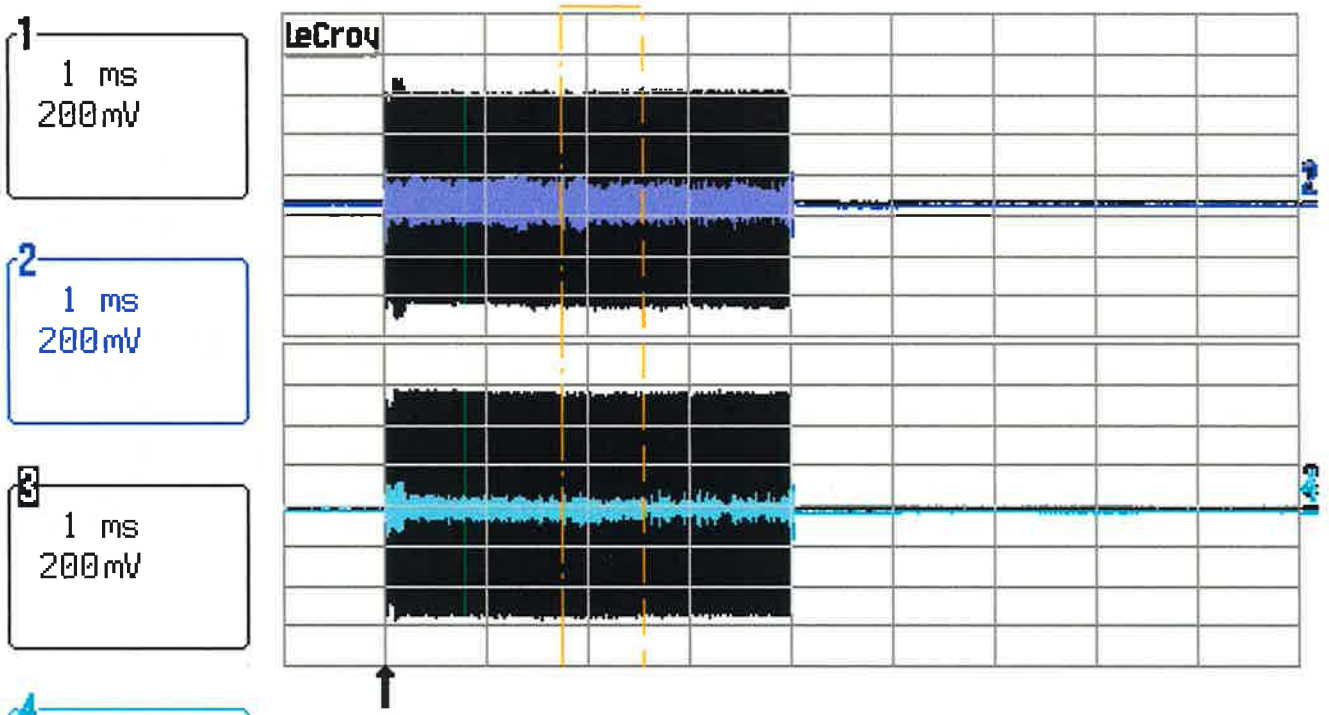

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
C3
Ma
C1 DC1M
200 mV/div
680.0 mV ofst
---- -18 mV
----- -560 mV
Δy -542 mV
C3 DC
5.00 A/div
0.00 A offset
---- 16.55 A
----- 3.00 A
Δy -13.55 A
C4 DC1M
100 V/div
300.0 V offset
---- 31 V
----- -240 V
Δy -271 V
Math <C3>
500 mA/div
5.00 µs/div
3 #
---- 133 mA
----- -1.223 A
Δy -1.355 A
Tbase -2.0008 ms
5.00 µs/div
50.0 kS 1.0 GS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 2:00:59 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
Ma
C1 DC1M
5.00 mV/div
9.00 mV ofst
-19.63 mV
-2.44 mV
Δy 17.19 mV
C4 DC1M
5.00 mV/div
4.50 mV ofst
-9.07 mV
3.75 mV
Δy 12.82 mV
Math «C1»
4.00 mV/div
500 µs/div
2.064 kpt
-19.3338 mV
-2.3738 mV
Δy 16.9600 mV
Timebase -1.99 ms
500 µs/div
2.00 MS 400 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
X1= 2.349145 ms ΔX= -2.452785 ms
X2= -103.640 µs 1/ΔX= -407.6998 Hz
LeCroy
10/8/2020 2:01:54 PM


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
F3
C2
F4
C2 DC1M
500 mV/div
75 mV offset
338 mV
-84 mV
Δy -423 mV
C3 DC1M
500 mV/div
100 mV ofst
-189 mV
-507 mV
Δy -317 mV
F3 script(C3,C2)
2.00/div
500 µs/div
-1.158
65e-3
Δy 1.224
F4 <F3>
1.00/div
500 µs/div
533 #
-1.07769
-134.50e-3
Δy 943.19e-3
Tbase -2.50 ms
WStream 500 µs
50.0 kS 10 MS/s
Trigger Ext/10 DC
Normal 30 mV
Edge Negative
X1= 63.5 µs ΔX= 3.8298 ms
X2= 3.8933 ms 1/ΔX= 261.110 Hz
LeCroy
10/8/2020 2:01:59 PM

8-Oct-20
14:02:19



	3610 sweeps:	average	low	high	sigma
rms(1)		372.8mV	368.1	377.1	1.7
rms(2)		58.5mV	47.4	69.9	2.9
rms(3)		380.4mV	375.7	384.5	1.8
rms(4)		29.9mV	23.4	36.7	1.8
phase(1,3)		77 °	28	131	36

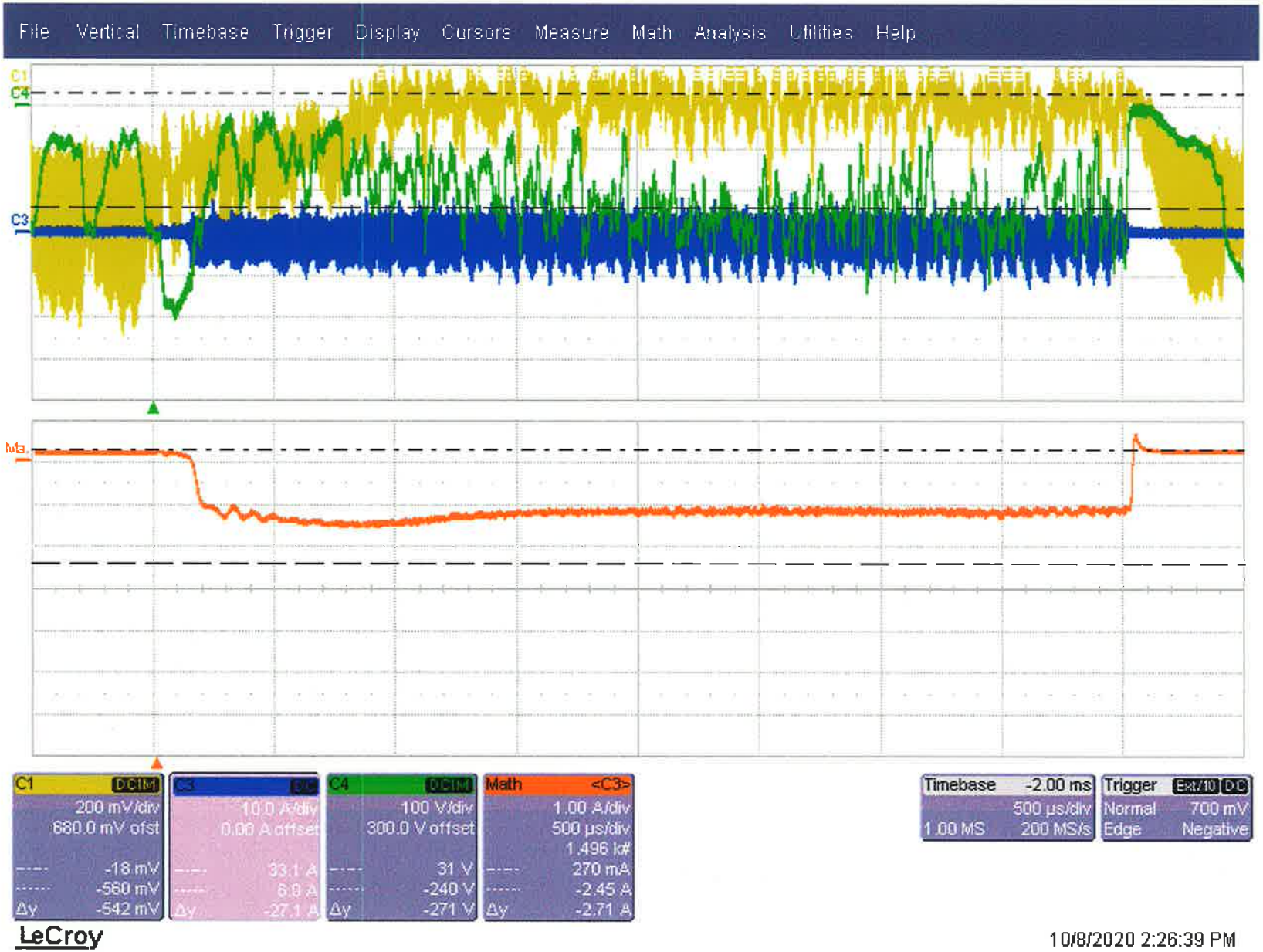
1 ms

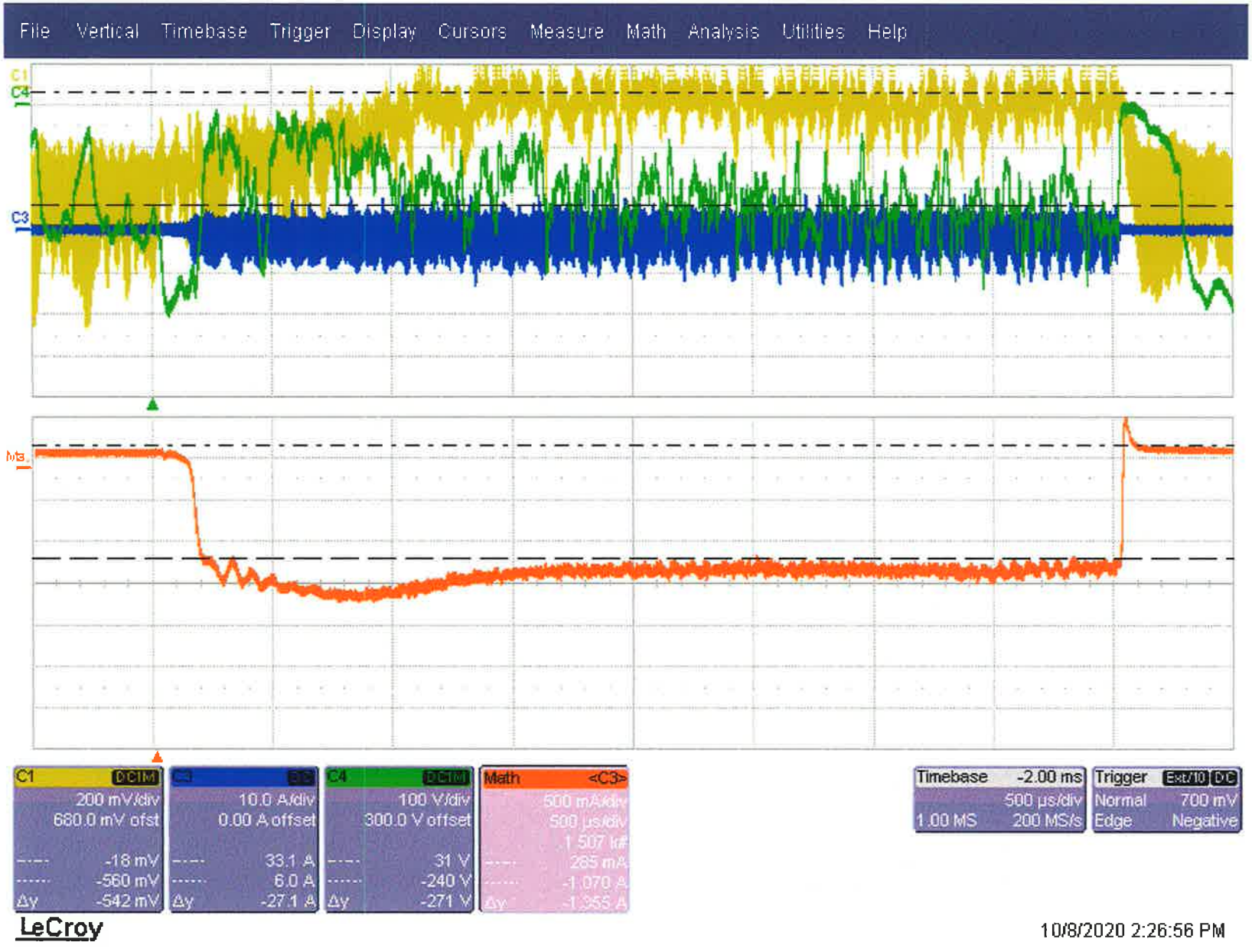
1 .2 V AC
2 .2 V AC
3 .2 V AC
4 .2 V AC

Ext10 DC 0.15 V 50Ω

10 MS/s

NORMAL

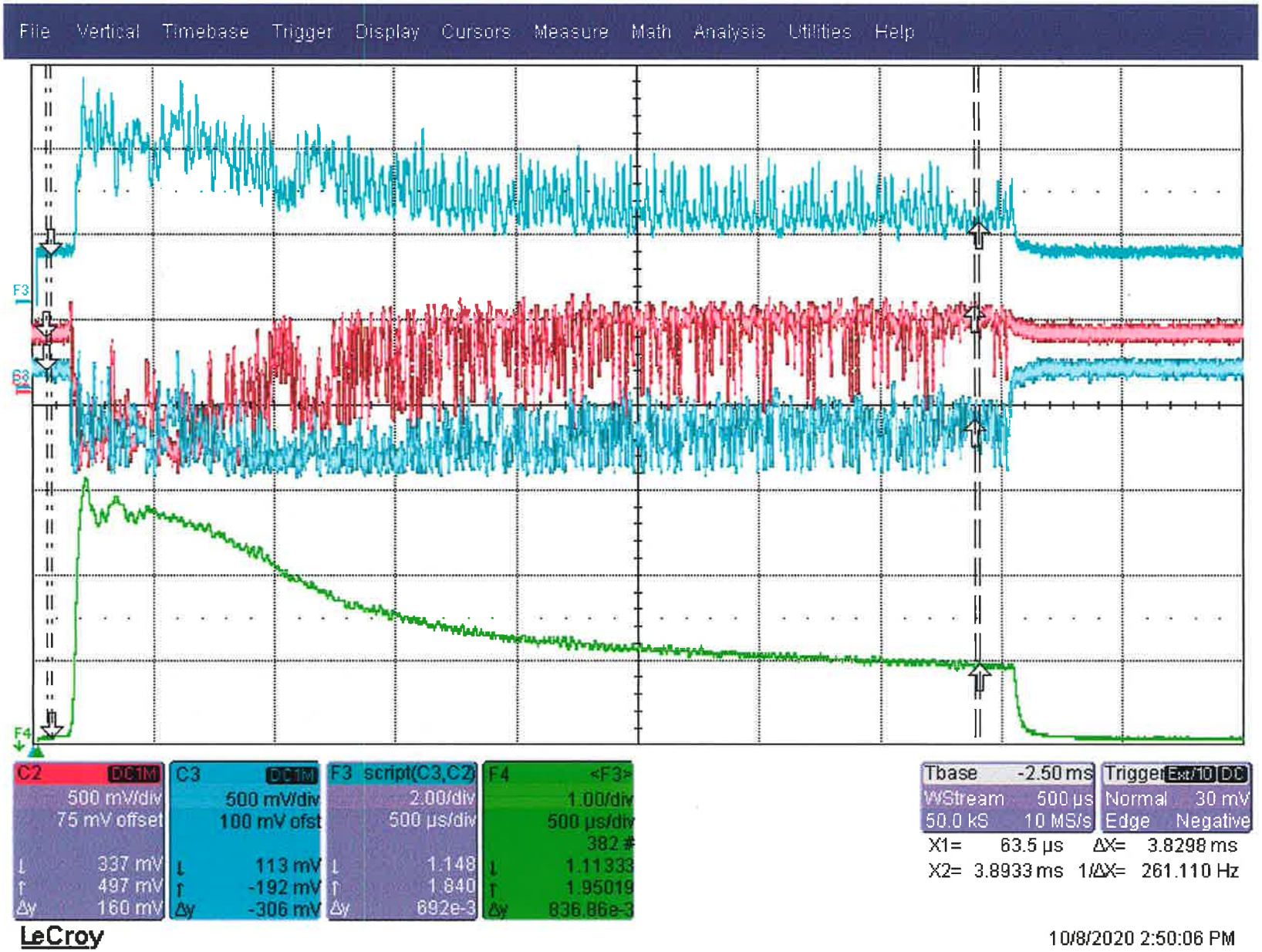

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
C3
Math
C1 DC1M
200 mV/div
680.0 mV ofst
-18 mV
-560 mV
Δy -542 mV
C3 DC
10.0 A/div
0.00 A offset
33.1 A
6.0 A
Δy -27.1 A
C4 DC1M
100 V/div
300.0 V offset
31 V
-240 V
Δy -271 V
Math <C3>
1.00 A/div
500 µs/div
1.496 k#
270 mA
-2.45 A
Δy -2.71 A
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 2:26:39 PM


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
C3
Ma
C1 DCIM
200 mV/div
680.0 mV ofst
-18 mV
-560 mV
Δy -542 mV
C3 DC
10.0 A/div
0.00 A offset
33.1 A
6.0 A
Δy -27.1 A
C4 DCIM
100 V/div
300.0 V offset
31 V
-240 V
Δy -271 V
Math <C3>
500 mA/div
500 µs/div
1.507 kV
265 mA
-1.070 A
Δy -1.335 A
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 2:26:56 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C4
C2
F2
F3
C3
C1 D1
5.00 V
12.70 V
C2 D1
5.00 V
5.95 V
C3 D1
5.00 V
-11.0 V
C4 D1
10.0 V
25.30 V
F2 perhis...
2.00 k#
1.0 ms
384 k#
F3 perhis...
50.0 k#
1.0 ms
5.6 M#
Tbase -4.00 ms
1.00 ms/div
500 kS 50 MS/s
Trigger C1 DC
Normal 1.65 V
Edge Positive
TELEDYNE LECROY
10/8/2020 2:35:48 PM

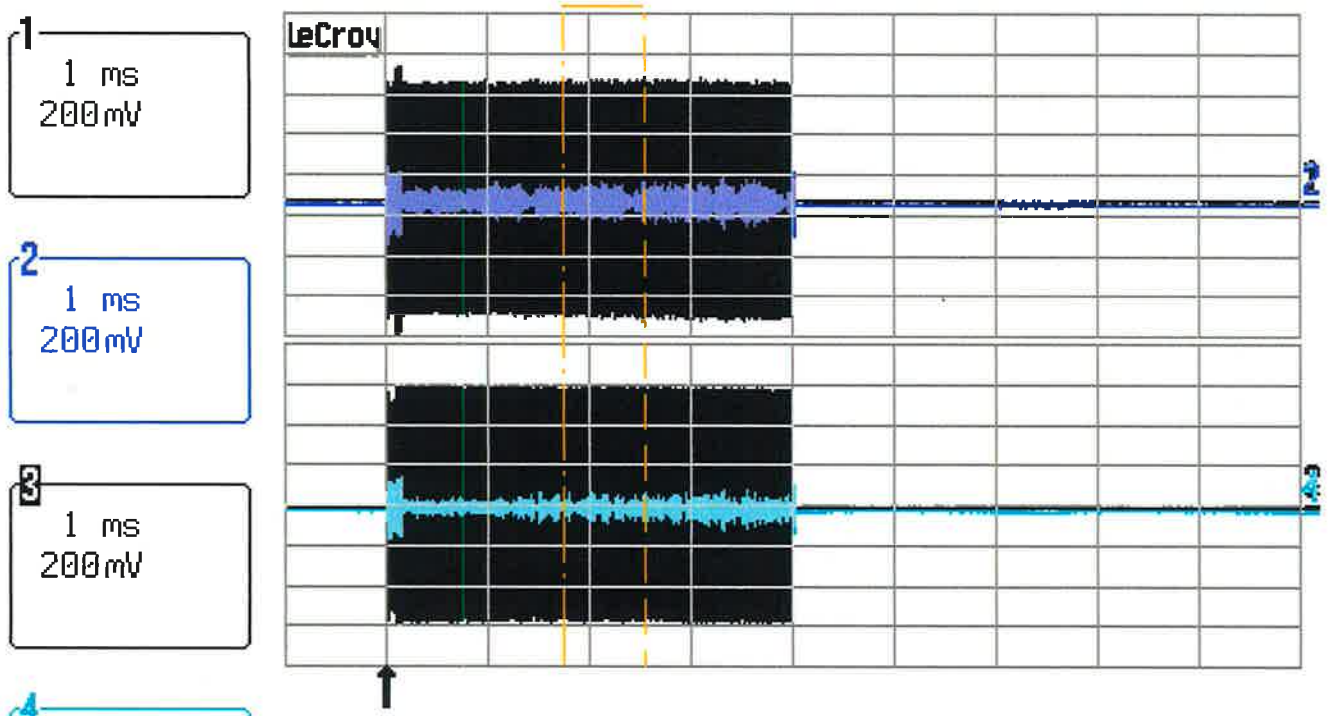
File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C4
C2
F2
F3
C3
C1 DT 5.00 V 12.70 V
C2 DT 5.00 V 5.95 V
C3 DT 5.00 V -11.0 V
C4 DT 10.0 V 25.30 V
F2 perhis... 20.0 # 1.0 ms 2.52 k#
F3 perhis... 1.00 k# 1.0 ms 114 k#
Tbase -4.00 ms 1.00 ms/div 500 kS 50 MS/s
Trigger C1 DC Normal 1.65 V Edge Positive
TELEDYNE LECROY
10/8/2020 2:41:00 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
Ma
C1 DC1M
5.00 mV/div
9.00 mV ofst
-20.36 mV
-3.06 mV
Δy 17.30 mV
C4 DC1M
5.00 mV/div
4.50 mV ofst
-7.53 mV
2.45 mV
Δy 9.98 mV
Math <C1>
4.00 mV/div
500 µs/div
172 #
Timebase -1.99 ms
500 µs/div
2.00 MS 400 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
X1= 2.349145 ms ΔX= -2.452785 ms
X2= -103.640 µs 1/ΔX= -407.6998 Hz
LeCroy
10/8/2020 2:46:38 PM


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
F3
F4
C2 DC1M
500 mV/div
75 mV offset
337 mV
497 mV
160 mV
C3 DC1M
500 mV/div
100 mV ofst
113 mV
-192 mV
-306 mV
F3 script(C3,C2)
2.00/div
500 µs/div
1.148
1.840
692e-3
F4 <F3>
1.00/div
500 µs/div
382 #
1.11333
1.95019
836.86e-3
Tbase -2.50 ms
WStream 500 µs
50.0 kS 10 MS/s
Trigger Ext/10 DC
Normal 30 mV
Edge Negative
X1= 63.5 µs ΔX= 3.8298 ms
X2= 3.8933 ms 1/ΔX= 261.110 Hz
LeCroy
10/8/2020 2:50:06 PM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
Ma
C1 DC1M
5.00 mV/div
9.00 mV ofst
-21.81 mV
-2.06 mV
Δy 19.75 mV
C4 DC1M
5.00 mV/div
4.50 mV ofst
-10.53 mV
3.56 mV
Δy 14.09 mV
Math <C4>
4.00 mV/div
500 µs/div
199 #
-9.9610 mV
3.1691 mV
Δy 13.1301 mV
Timebase -1.99 ms
500 µs/div
2.00 MS 400 MS/s
Trigger Est/10 DC
Normal 700 mV
Edge Negative
X1= 2.349145 ms ΔX= -2.452785 ms
X2= -103.640 µs 1/ΔX= -407.6998 Hz
LeCroy
10/8/2020 2:50:09 PM

8-Oct-20
14:50:19



383 sweeps:	average	low	high	sigma
rms(1)	407.7mV	403.0	412.9	1.8
rms(2)	43.8mV	27.5	51.9	2.7
rms(3)	400.7mV	398.2	403.8	1.2
rms(4)	31.8mV	26.8	36.7	1.6
phase(1,3)	0.07 k°	0.03	0.13	0.04

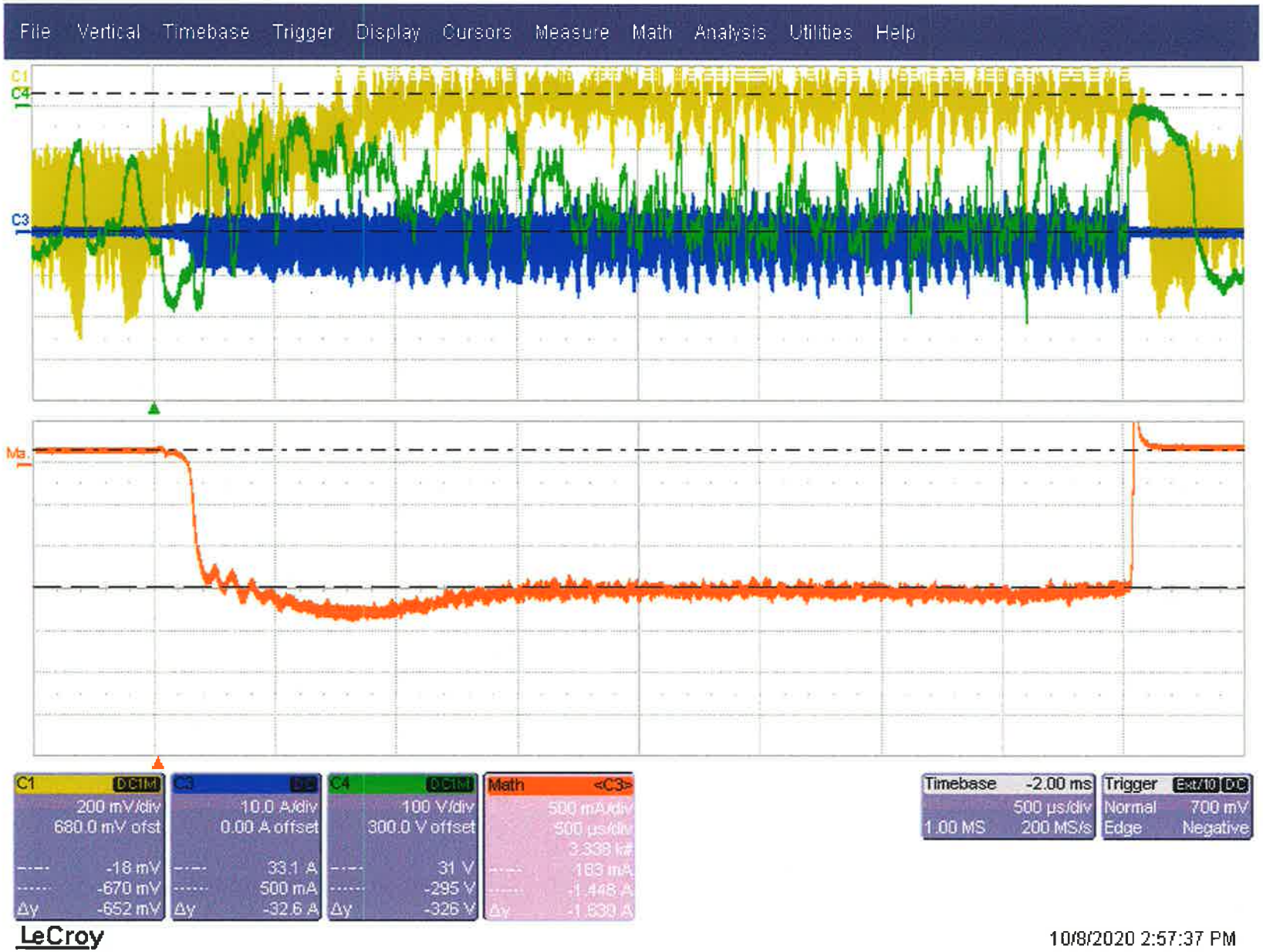
1 ms

1 .2 V AC
2 .2 V AC
3 .2 V AC
4 .2 V AC

Ext10 DC 0.15 V 50Ω

10 MS/s

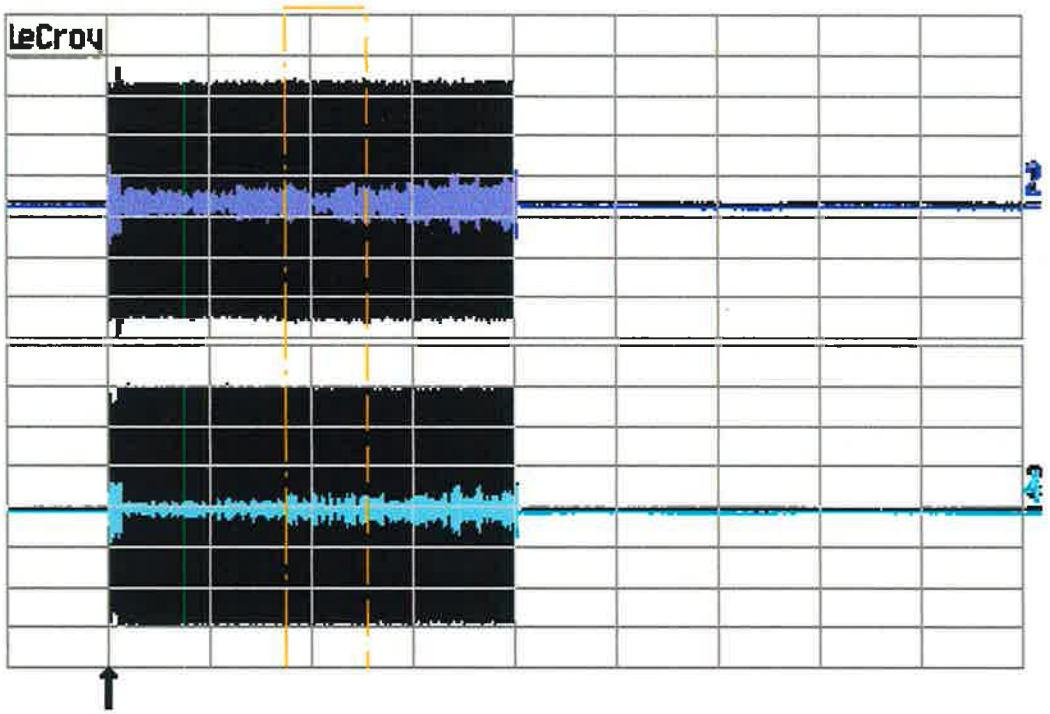
NORMAL



DL1 current (plus Al foil!!)

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
C3
Ma
DL2 current
C1 DC1M
200 mV/div
680.0 mV ofst
-302 mV
-756 mV
Δy -454 mV
C3 DC
5.00 A/div
0.00 A offset
9.45 A
-1.90 A
Δy -11.35 A
C4 DC1M
100 V/div
300.0 V offset
-111 V
-338 V
Δy -227 V
Math <C3>
100 mA/div
500 µs/div
219 #
68 mA
-159 mA
Δy -227 mA
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 3:03:14 PM

8-Oct-20
15:07:05



	1388 sweeps:	average	low	high	sigma
rms(1)		409.1mV	403.0	416.0	2.0
rms(2)		44.0mV	27.5	51.9	2.8
rms(3)		401.2mV	398.2	404.6	1.3
rms(4)		31.7mV	26.8	37.8	1.6
phase(1,3)		0.07 k°	0.03	0.13	0.04

1 ms 200mV

2 1 ms 200mV

3 1 ms 200mV

4 1 ms 200mV

1 ms

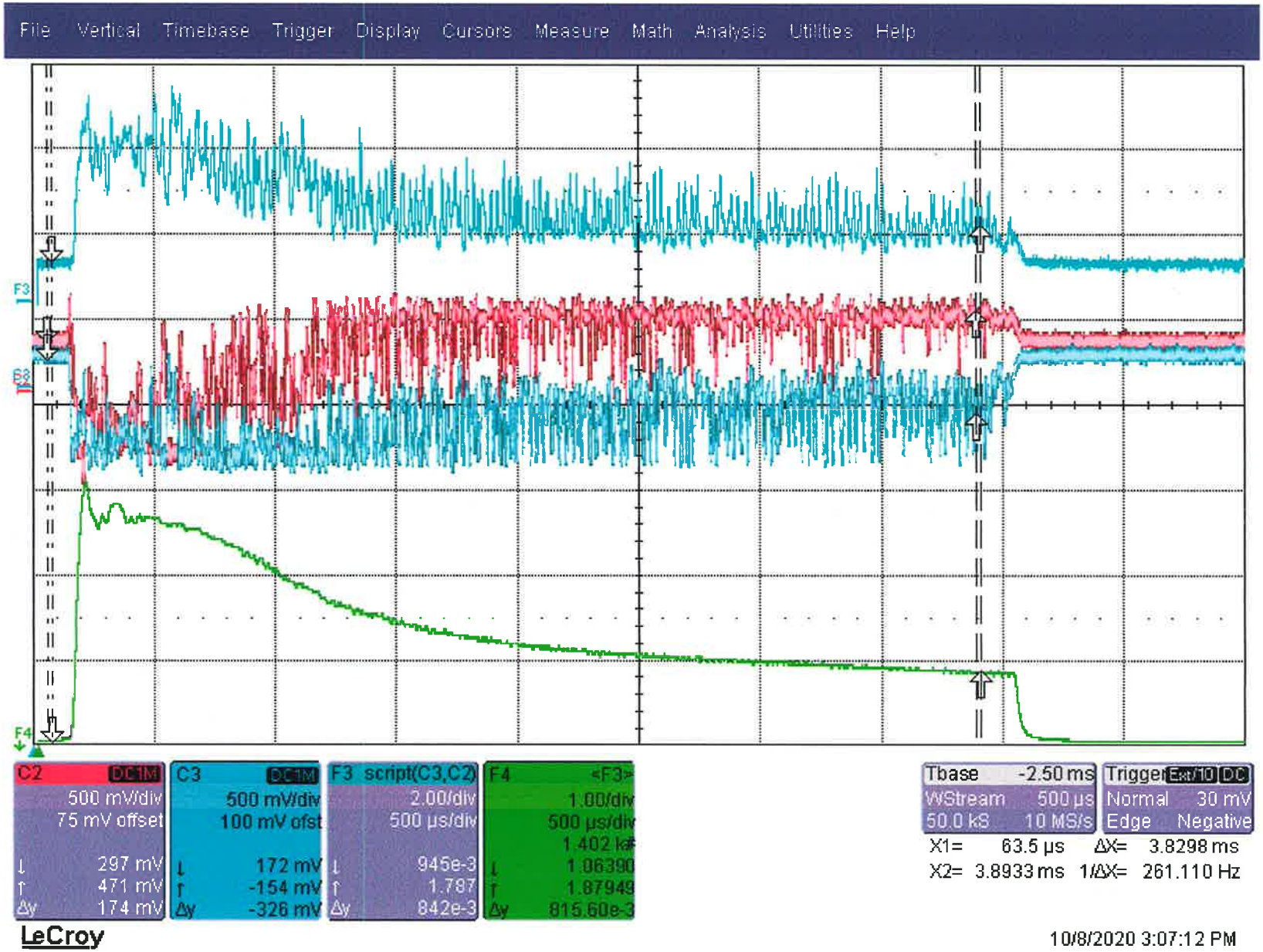
1 .2 V AC
2 .2 V AC
3 .2 V AC
4 .2 V AC

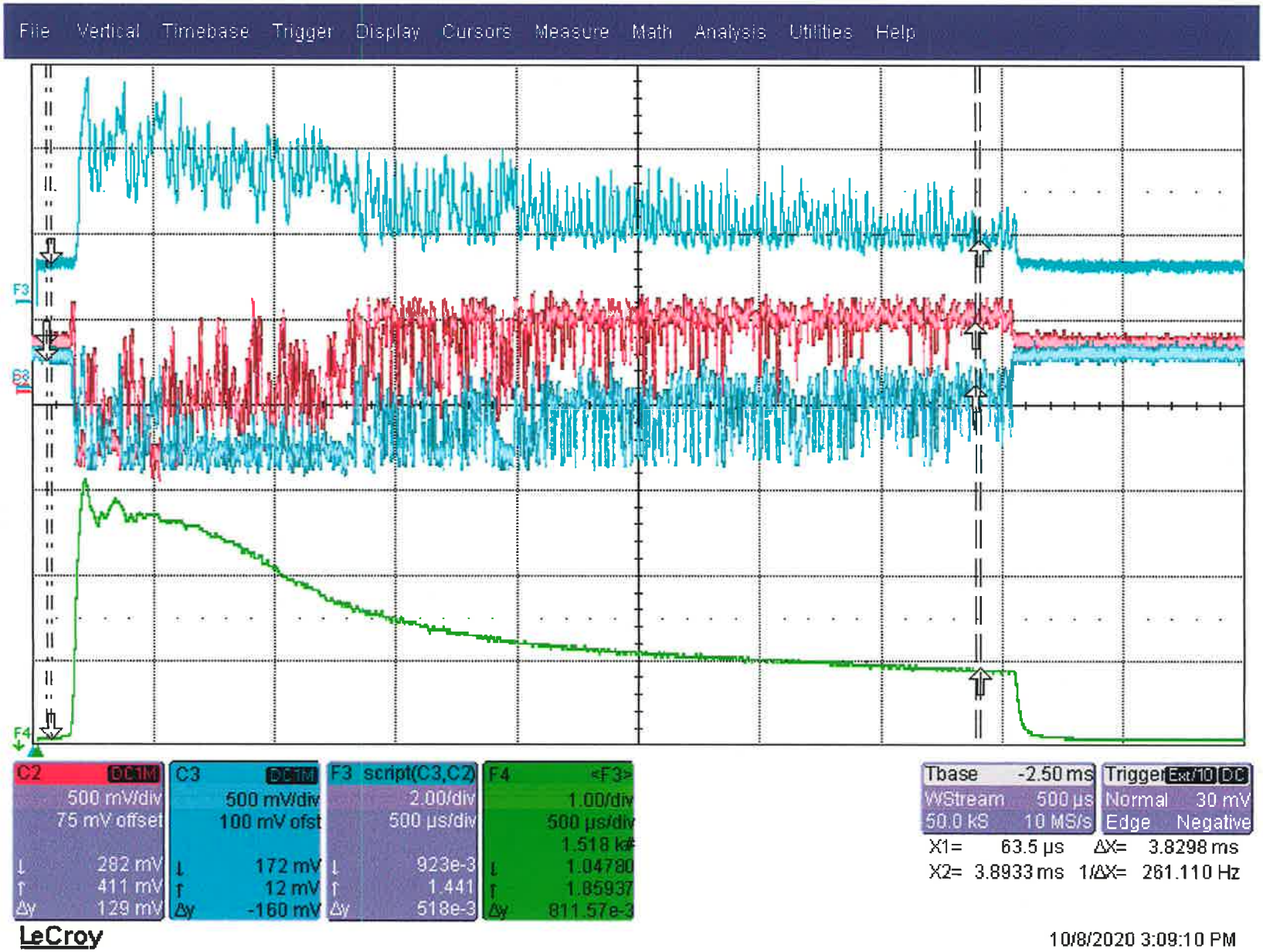
Ext10 DC 0.15 V 50Ω

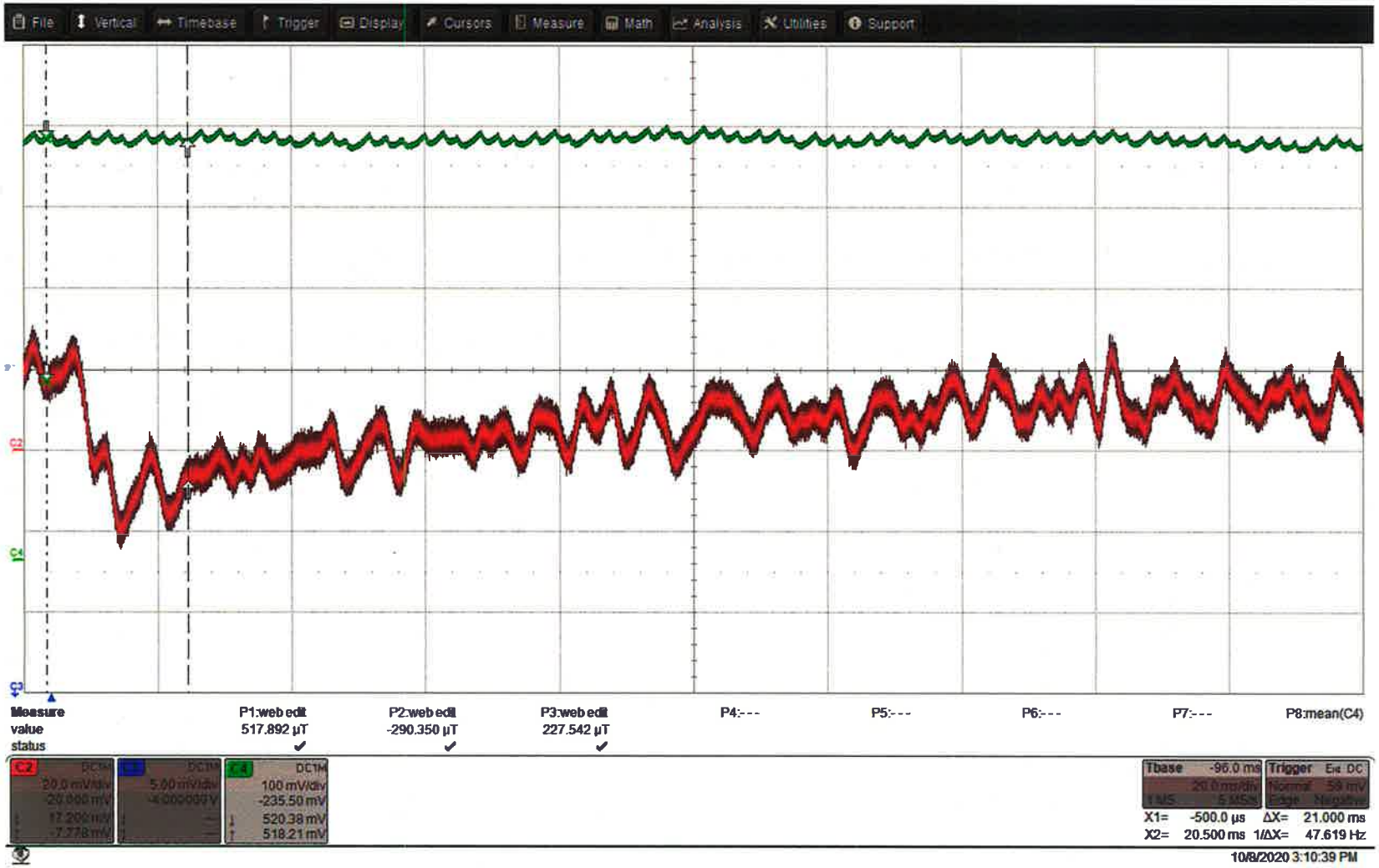
10 MS/s

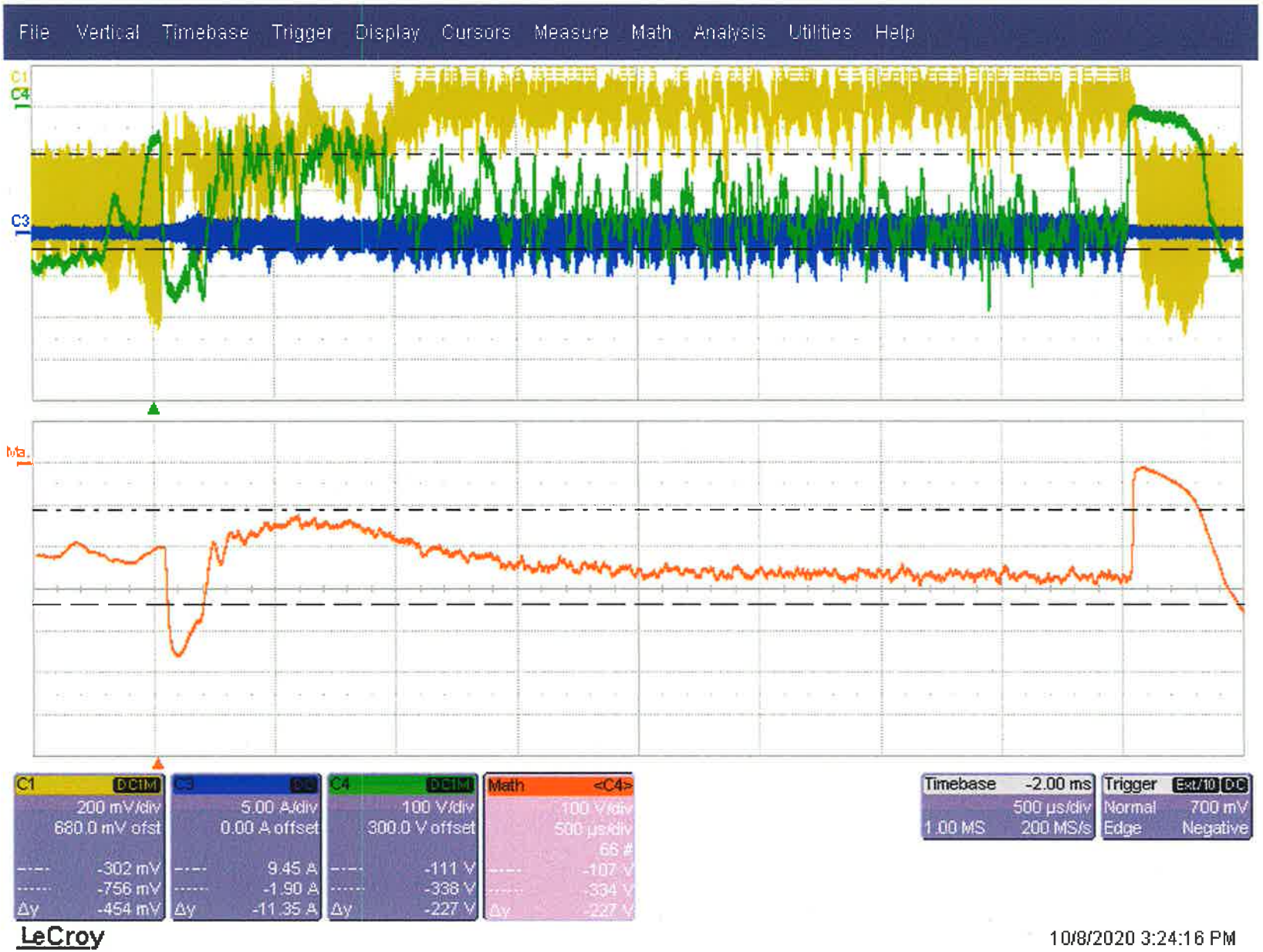
NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
Ma
C1 DC1M
5.00 mV/div
9.00 mV ofst
-22.31 mV
-2.75 mV
Δy 19.56 mV
C4 DC1M
5.00 mV/div
4.50 mV ofst
-8.59 mV
2.94 mV
Δy 11.53 mV
Math <C4>
4.00 mV/div
500 µs/div
1.212 k#
-9.8669 mV
3.1945 mV
Δy 13.0635 mV
Timebase -1.99 ms
500 µs/div
2.00 MS 400 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
X1= 2.349145 ms ΔX= -2.452785 ms
X2= -103.640 µs 1/ΔX= -407.6998 Hz
LeCroy
10/8/2020 3:07:05 PM

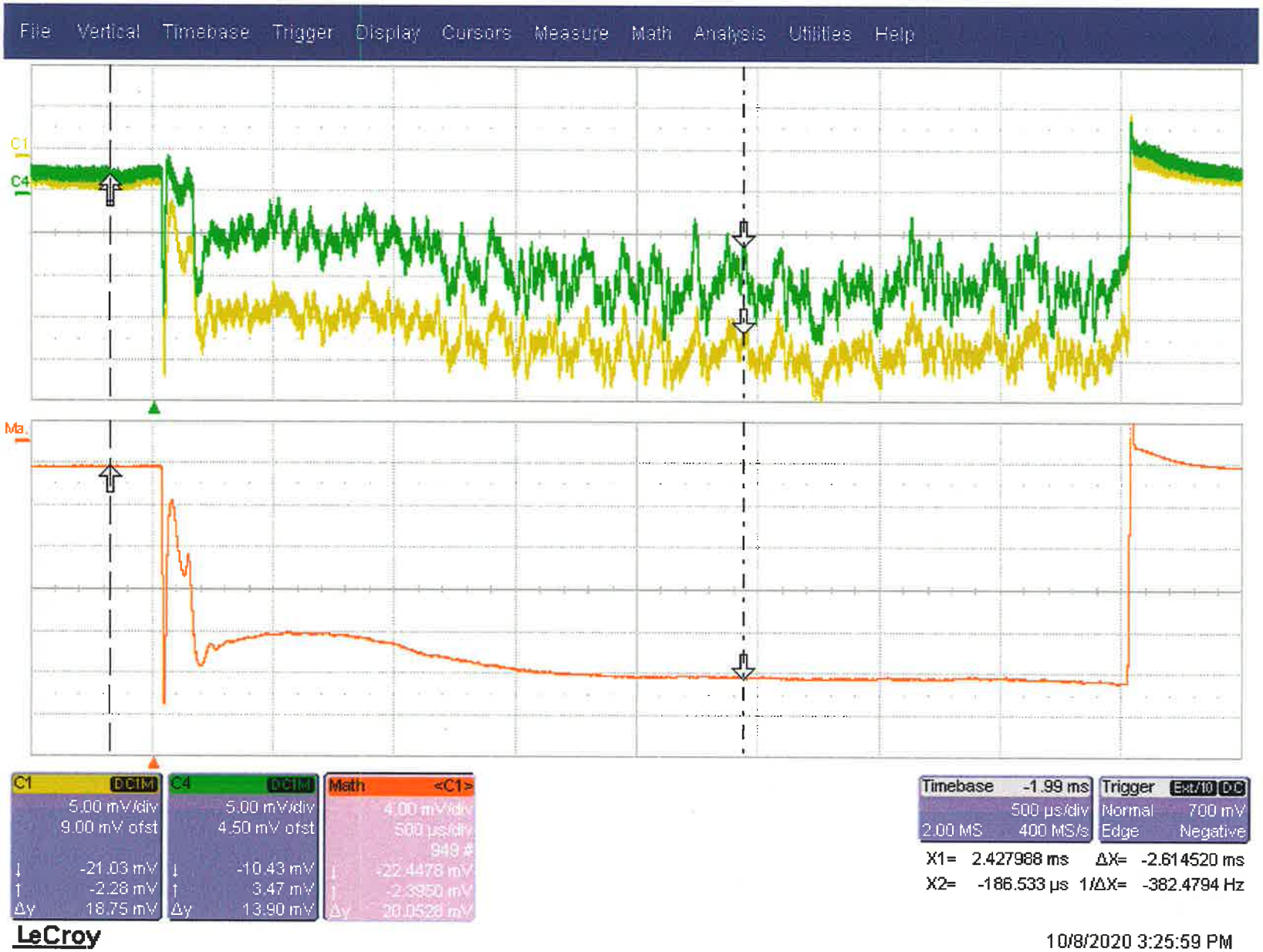

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
F3
F4
C2 DC1M
500 mV/div
75 mV offset
297 mV
471 mV
174 mV
C3 DC1M
500 mV/div
100 mV ofst
172 mV
-154 mV
-326 mV
F3 script(C3,C2)
2.00/div
500 µs/div
945e-3
1.787
842e-3
F4 <F3>
1.00/div
500 µs/div
1.402 kH
1.06390
1.87949
815.60e-3
Tbase -2.50 ms
WStream 500 µs
50.0 kS 10 MS/s
Trigger Ext/10 DC
Normal 30 mV
Edge Negative
X1= 63.5 µs ΔX= 3.8298 ms
X2= 3.8933 ms 1/ΔX= 261.110 Hz
LeCroy
10/8/2020 3:07:12 PM

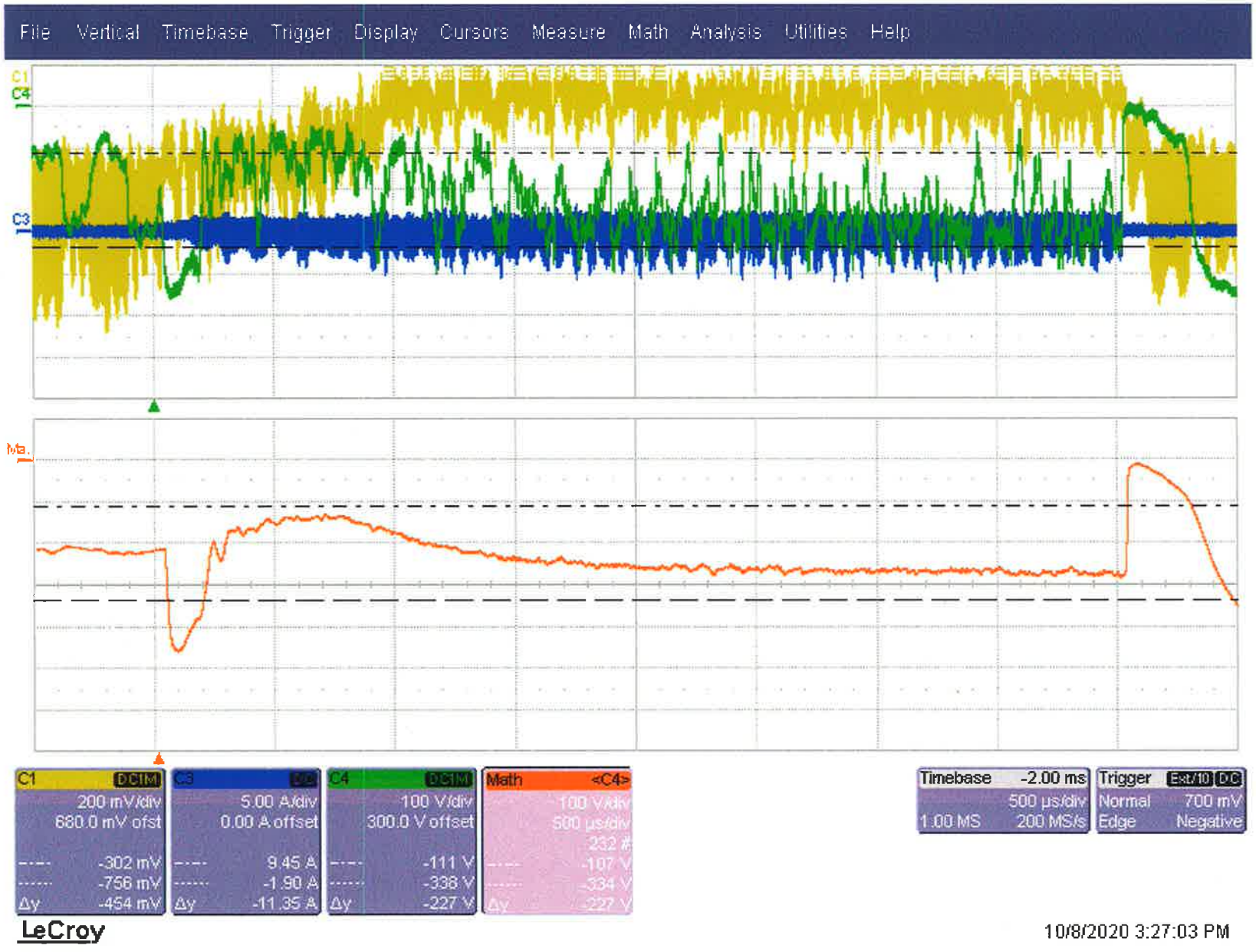

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
F3
F4
C2 DC 1M
500 mV/div
75 mV offset
282 mV
411 mV
129 mV
C3 DC 1M
500 mV/div
100 mV ofst
172 mV
12 mV
-160 mV
F3 script(C3,C2)
2.00/div
500 µs/div
923e-3
1.441
518e-3
F4 <F3>
1.00/div
500 µs/div
1.518 kf
1.04780
1.85937
811.57e-3
Tbase -2.50 ms
WStream 500 µs
50.0 kS 10 MS/s
Trigger Ext/10 DC
Normal 30 mV
Edge Negative
X1= 63.5 µs ΔX= 3.8298 ms
X2= 3.8933 ms 1/ΔX= 261.110 Hz
LeCroy
10/8/2020 3:09:10 PM

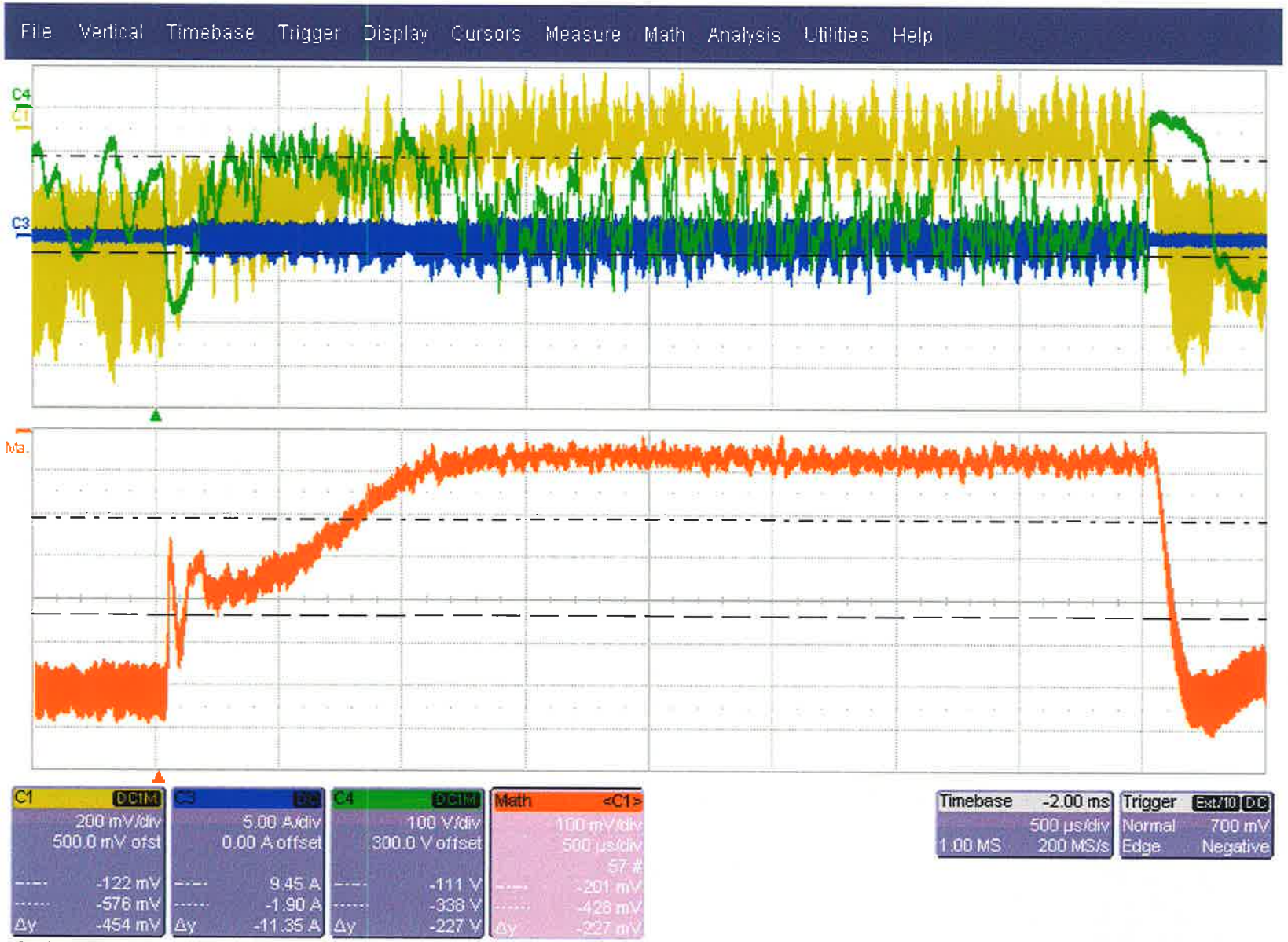

File
Vertical
Timebase
Trigger
Display
Cursors
Measure
Math
Analysis
Utilities
Support
Measure
value
status
P1:web edit
517.892 µT
P2:web edit
-290.350 µT
P3:web edit
227.542 µT
P4:---
P5:---
P6:---
P7:---
P8:mean(C4)
C2 DC1M
20.0 mV/div
20.000 mV
17.200 mV
-7.778 mV
C3 DC1M
5.00 mV/div
-4.000000 V
C4 DC1M
100 mV/div
-235.50 mV
520.38 mV
518.21 mV
Tbase -96.0 ms
20.0 ms/div
1 MS 5 MS/s
Trigger Ext DC
Normal 59 mV
Edge Negative
X1= -500.0 µs ΔX= 21.000 ms
X2= 20.500 ms 1/ΔX= 47.619 Hz
10/8/2020 3:10:39 PM


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
C3
Ma
C1 DC1M
200 mV/div
680.0 mV ofst
-302 mV
-756 mV
Δy -454 mV
C3
5.00 A/div
0.00 A offset
9.45 A
-1.90 A
Δy -11.35 A
C4 DC1M
100 V/div
300.0 V offset
-111 V
-338 V
Δy -227 V
Math <C4>
100 V/div
500 µs/div
66 #
-107 V
-334 V
Δy -227 V
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 3:24:16 PM

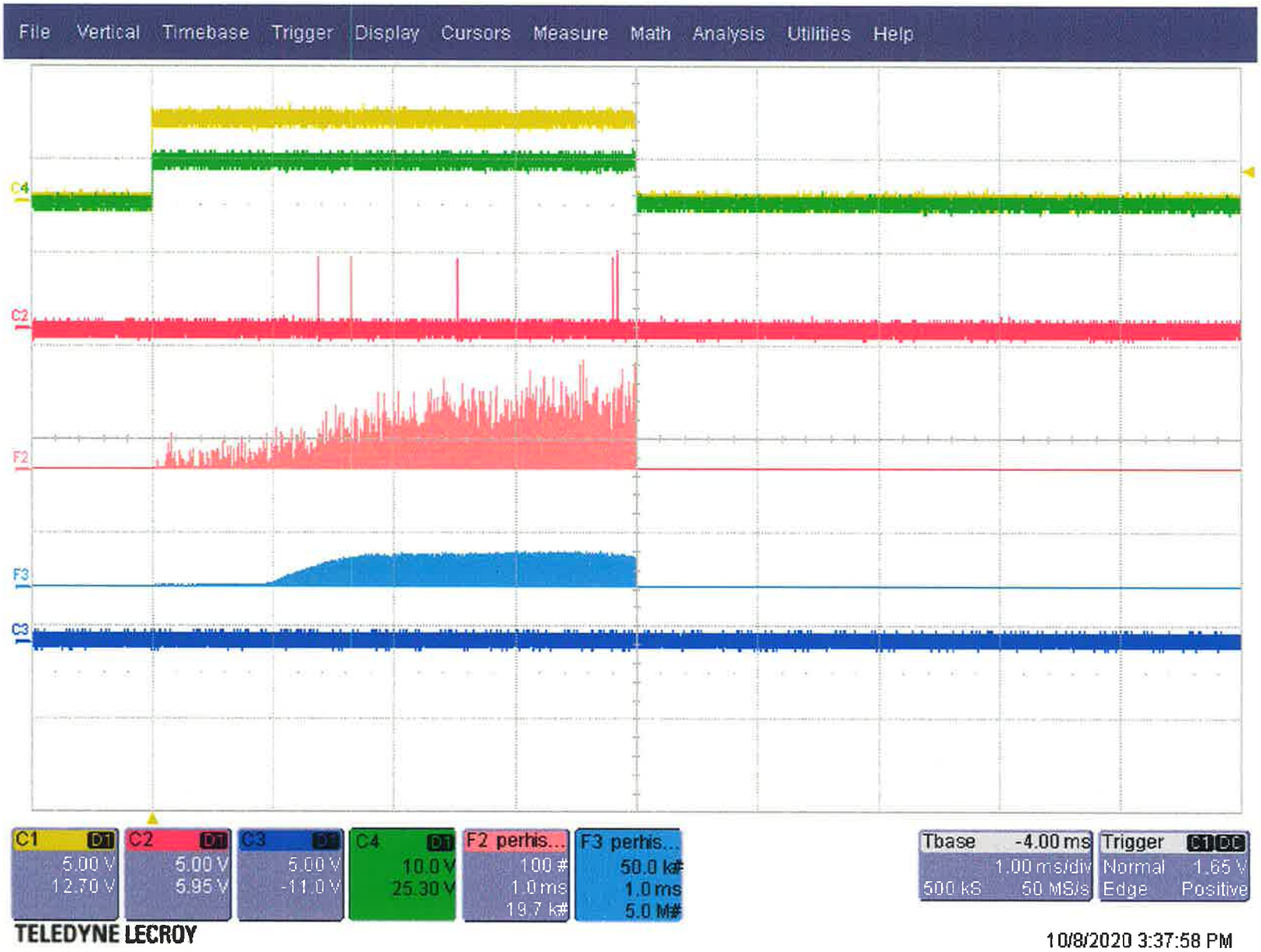
paddle


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
Ma
C1 DC1M
5.00 mV/div
9.00 mV ofst
-21.03 mV
-2.28 mV
18.75 mV
C4 DC1M
5.00 mV/div
4.50 mV ofst
-10.43 mV
3.47 mV
13.90 mV
Math <C1>
4.00 mV/div
500 µs/div
949 #
-22.4478 mV
-2.3950 mV
20.0528 mV
Timebase -1.99 ms
500 µs/div
2.00 MS 400 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
X1= 2.427988 ms ΔX= -2.614520 ms
X2= -186.533 µs 1/ΔX= -382.4794 Hz
LeCroy
10/8/2020 3:25:59 PM


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C1
C4
C3
Ma1
C1 DC1M
200 mV/div
680.0 mV ofst
-302 mV
-756 mV
Δy -454 mV
C3 DC
5.00 A/div
0.00 A offset
9.45 A
-1.90 A
Δy -11.35 A
C4 DC1M
100 V/div
300.0 V offset
-111 V
-338 V
Δy -227 V
Math <C4>
100 V/div
500 µs/div
232 #
-107 V
-334 V
Δy -227 V
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Est/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 3:27:03 PM


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C4
C1
C3
Ma
C1 DC1M
200 mV/div
500.0 mV ofst
-122 mV
-576 mV
Δy -454 mV
C3 DC
5.00 A/div
0.00 A offset
9.45 A
-1.90 A
Δy -11.35 A
C4 DC1M
100 V/div
300.0 V offset
-111 V
-338 V
Δy -227 V
Math <C1>
100 mV/div
500 µs/div
57 #
-201 mV
-428 mV
Δy -227 mV
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 3:29:01 PM

Cop


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C4
C2
F2
F3
C3
C1 DC
5.00 V
12.70 V
C2 DC
5.00 V
5.95 V
C3 DC
5.00 V
-11.0 V
C4 DC
10.0 V
25.30 V
F2 perhis...
100 #
1.0 ms
19.7 k#
F3 perhis...
50.0 k#
1.0 ms
5.0 M#
Tbase -4.00 ms
1.00 ms/div
500 kS 50 MS/s
Trigger C1 DC
Normal 1.65 V
Edge Positive
TELEDYNE LECROY
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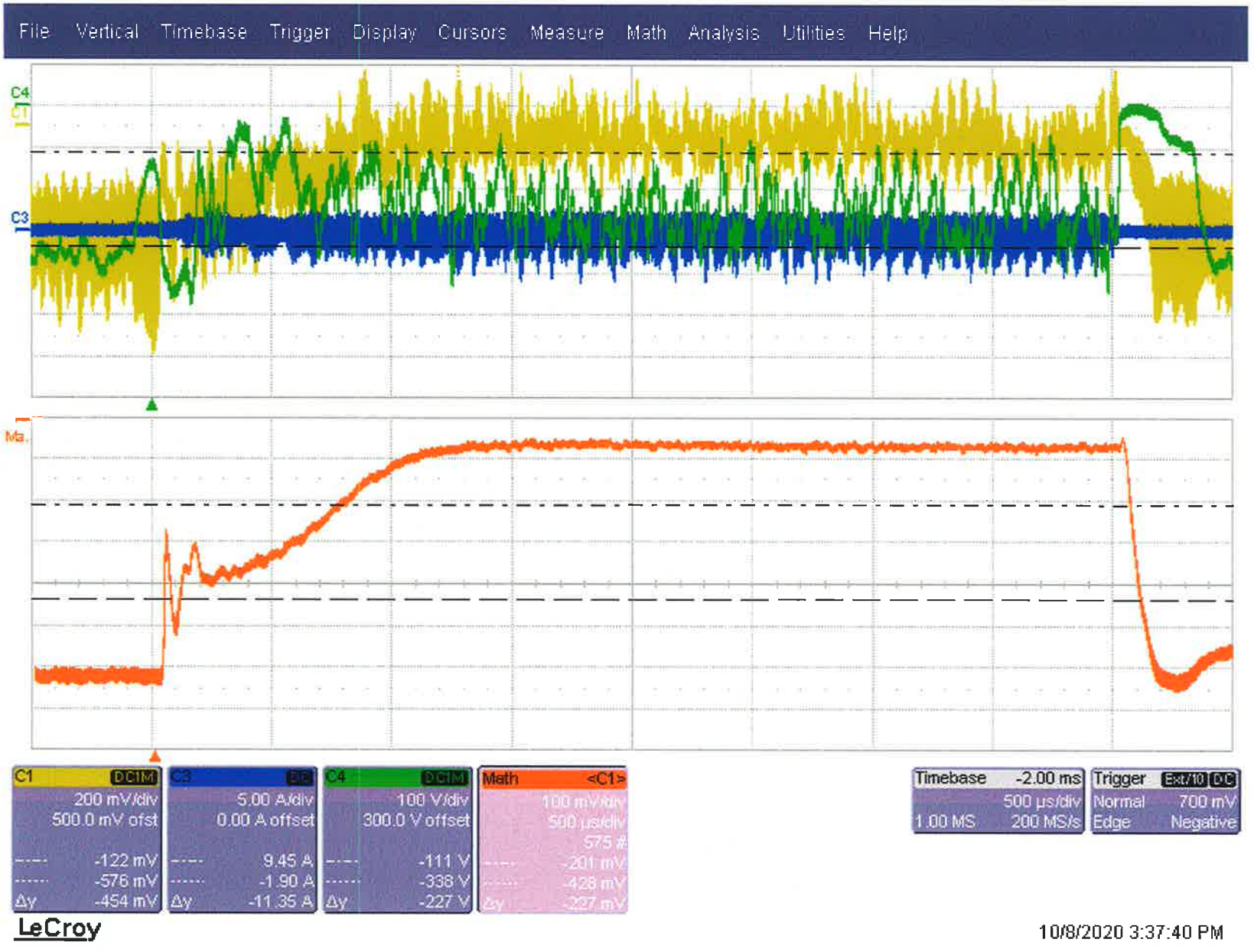
File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help
C4
C3
Ma
C1 DC1M
200 mV/div
500.0 mV ofst
-122 mV
-576 mV
Δy -454 mV
C3 DC
5.00 A/div
0.00 A offset
9.45 A
-1.90 A
Δy -11.35 A
C4 DC1M
100 V/div
300.0 V offset
-111 V
-338 V
Δy -227 V
Math <C1>
100 mV/div
500 µs/div
575 #
-201 mV
-428 mV
Δy -227 mV
Timebase -2.00 ms
500 µs/div
1.00 MS 200 MS/s
Trigger Ext/10 DC
Normal 700 mV
Edge Negative
LeCroy
10/8/2020 3:37:40 PM

Cup