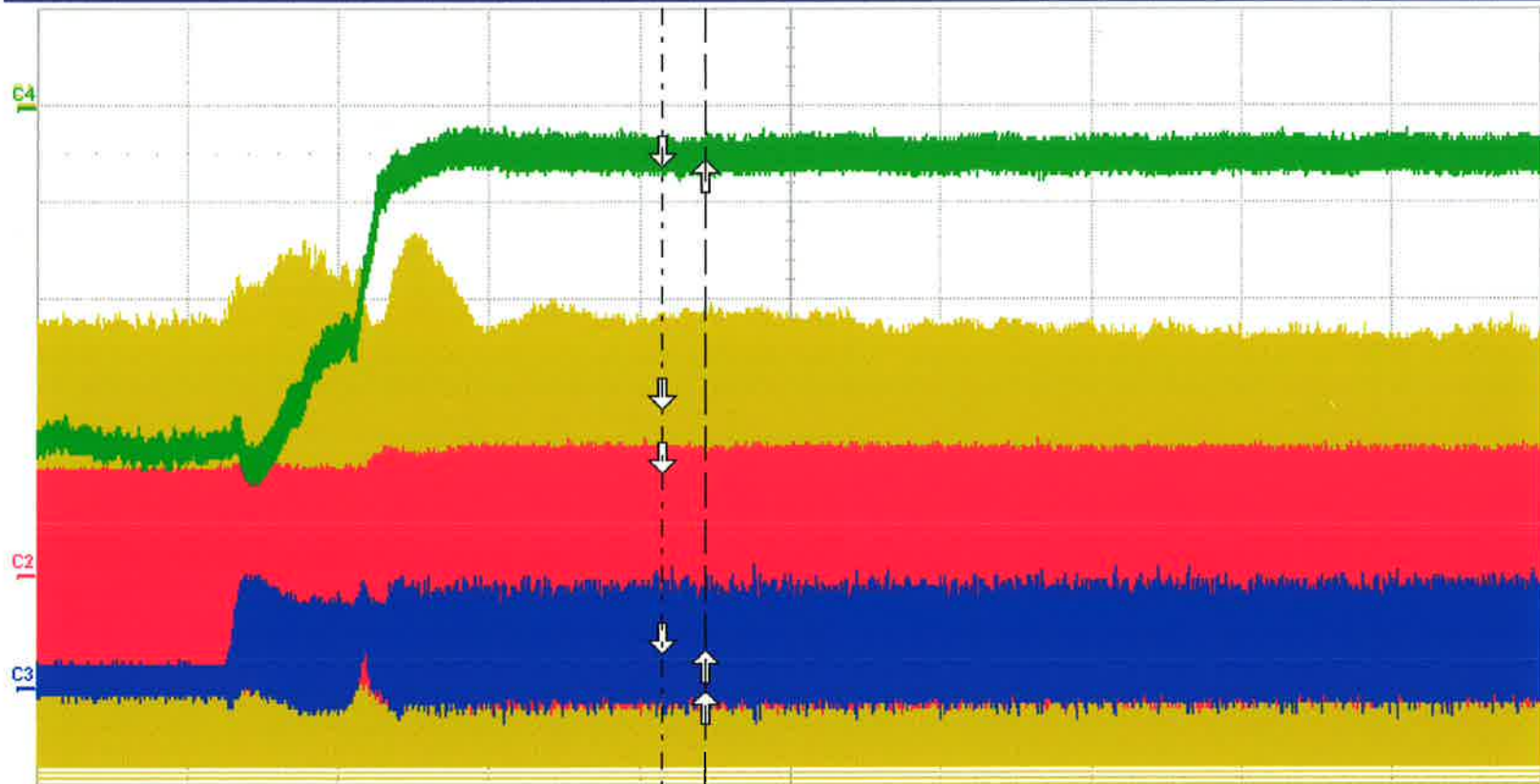


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)
< -1.1169 V
↓

P2:pkpk(C2)
2.72 V
✓

P3:pkpk(C3)
153 V
✓

P4:mean(C3)
39.5 V
✓

P5:mean(C4)
-94.0 V
✓

P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	200 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	590.0 V offset
↓ -623.9 mV	↓ 1.070 V	↓ 37.5 V	↓ -113.7 V
↑ ---	↑ -1.202 V	↑ 38.9 V	↑ -106.5 V
Δy ---	Δy -2.272 V	Δy 1.4 V	Δy 7.1 V

Timebase	-400 μs	Trigger	Ex10 DC
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs
X2= 343.320 μs 1/ΔX= 34.412 kHz

LeCroy

11/11/2019 10:24:26 AM

11-Nov-19

10:25:02

1
.5 ms
0.50 V

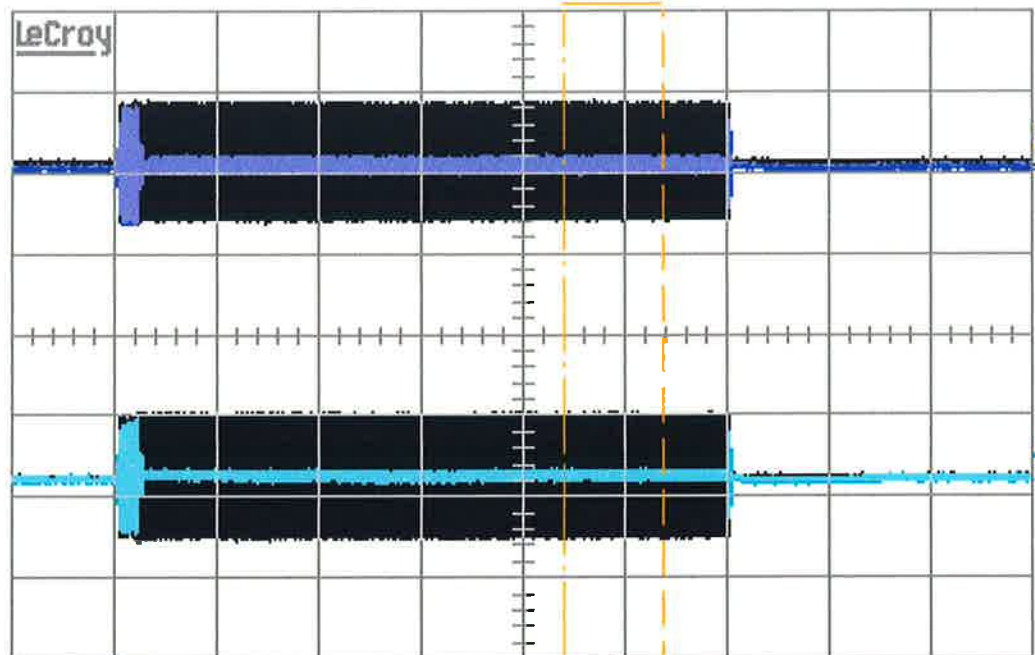
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



5 sweeps:

	average	low	high	sigma
rms(1)	247.4mV	246.0	248.5	1.0
rms(2)	15.1mV	13.6	16.1	0.9
rms(3)	264.5mV	263.2	265.5	0.9
rms(4)	11.2mV	8.3	13.3	1.8
phase(1,3)	57.8 °	-132.8	219.8	41.9

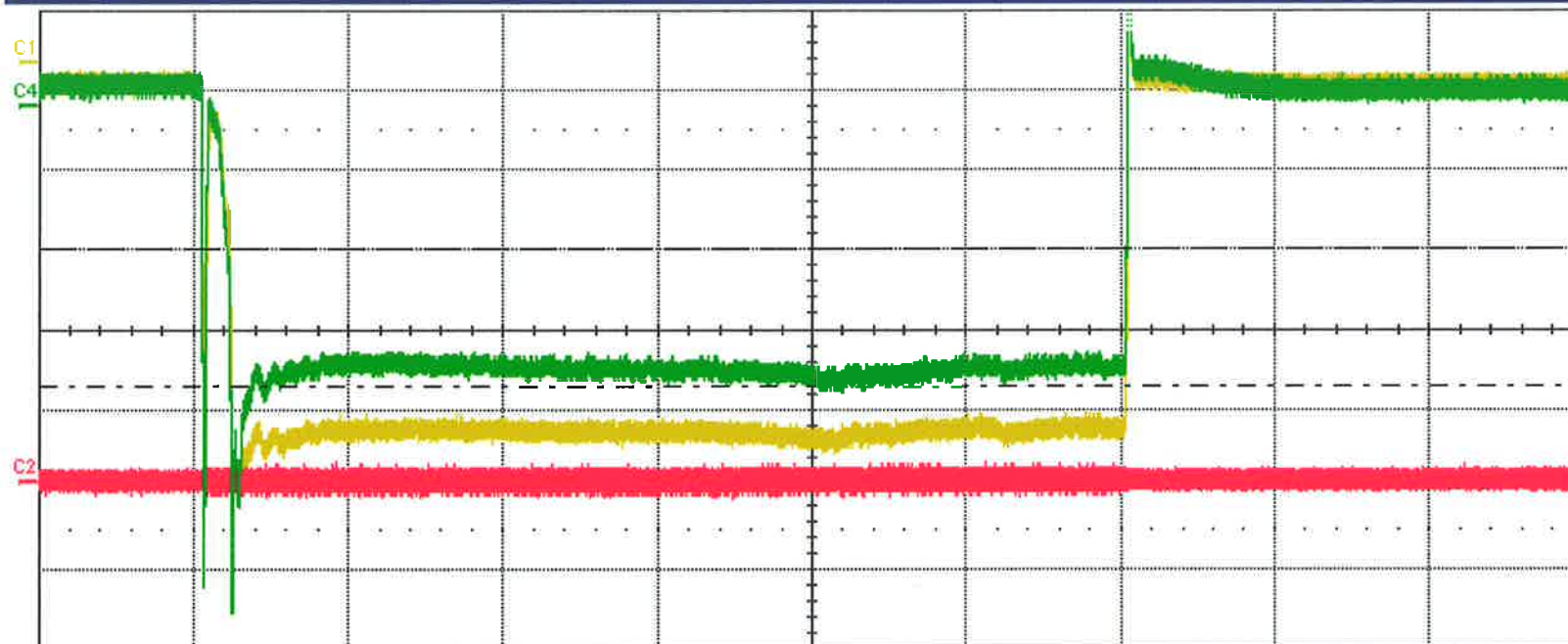


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-47.06 mV	-33.73 mV	-46.50 mV	-33.25 mV	---	---
mean	-45.9942 mV	-32.9591 mV	-45.9470 mV	-32.8811 mV	---	---
min	-47.06 mV	-33.96 mV	-47.08 mV	-34.17 mV	---	---
max	-43.84 mV	-30.71 mV	-44.03 mV	-31.00 mV	---	---
sdev	1.0182 mV	978.5 μ V	1.0918 mV	1.0878 mV	---	---
num	9	9	9	9	0	---
status	✓	✓	✓	✓	---	---

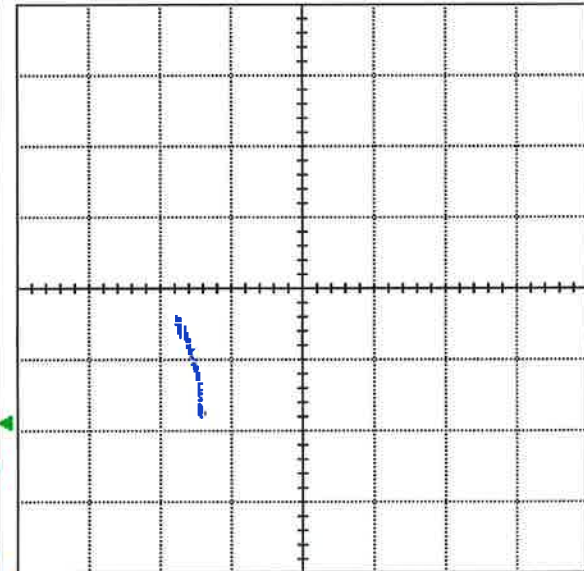
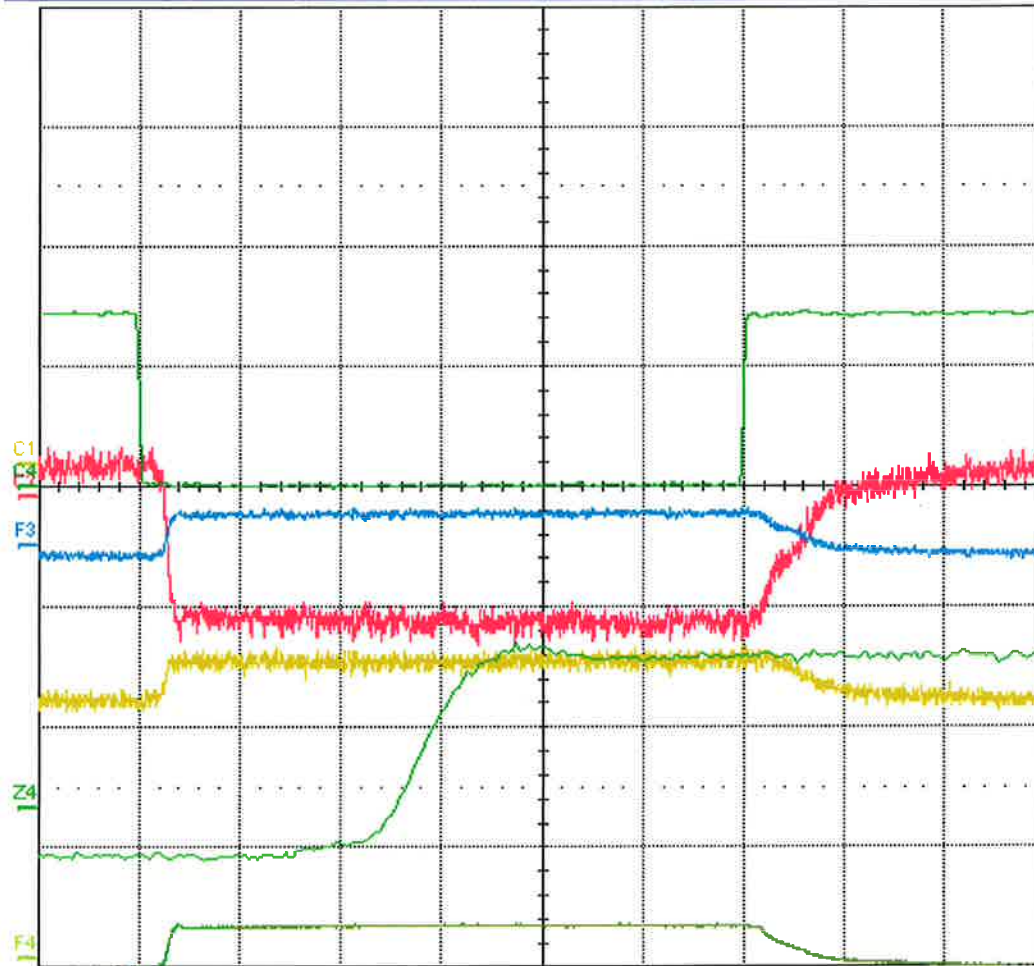
C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
33.50 mV ofst	-1.890 V ofst	28.00 mV ofst
---- -40.5 mV	---- 1.19 V	---- -35.0 mV
---- -23.5 mV	---- 2.89 V	---- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Ext/10 DC
	500 μ s/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

LeCroy

11/11/2019 10:24:51 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help

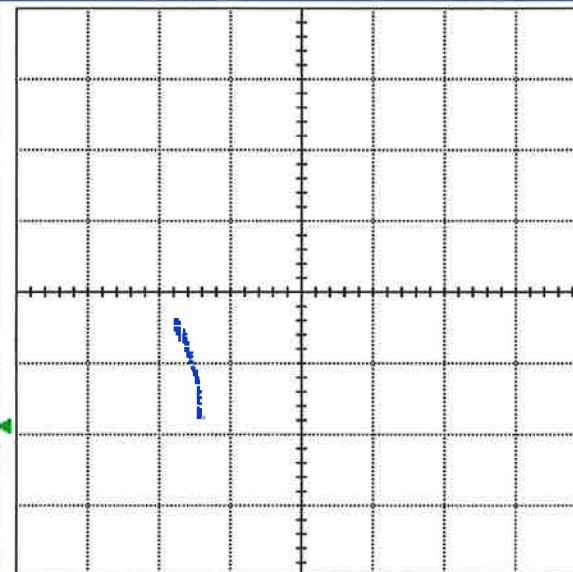
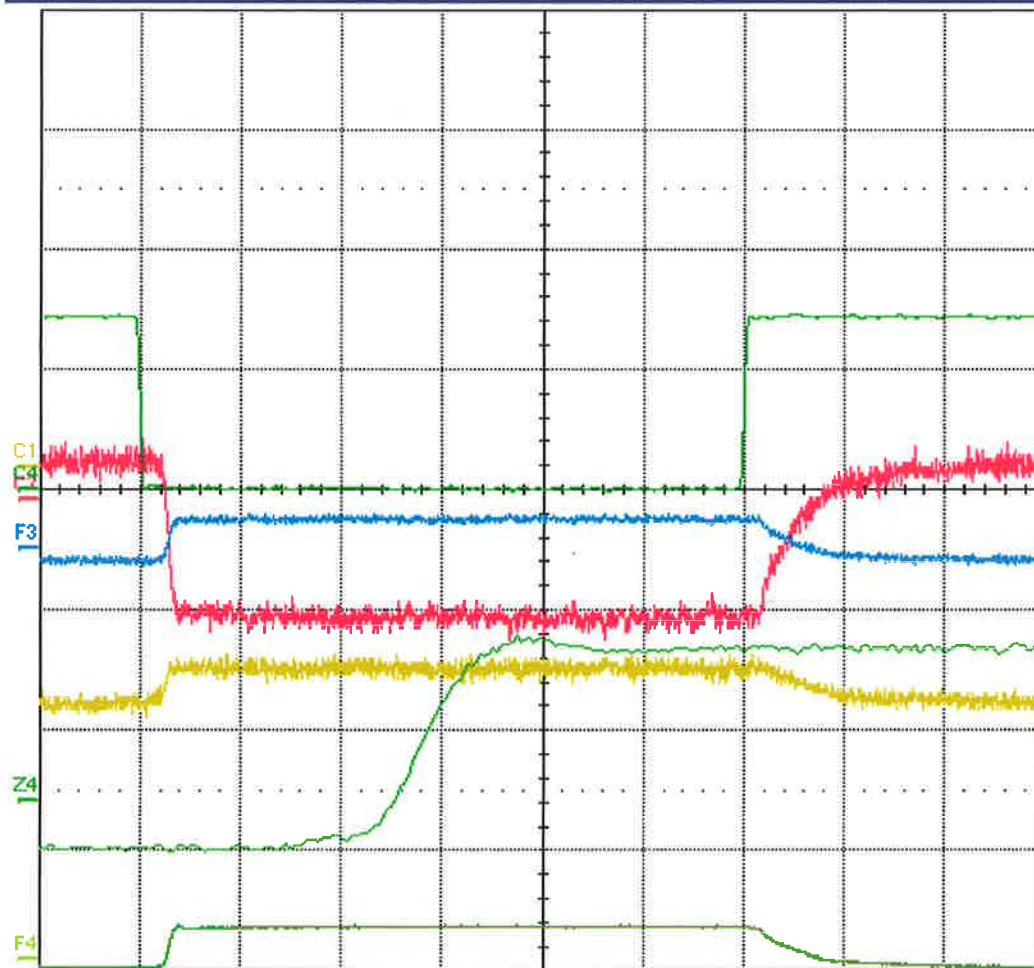


C1	D1	C2	D1	C4	F3	F3 script(...)	F4	<F3>	XY	XF1	Z4 zoom(...)
200 mV	200 mV	200 mV	2.00 V	2.00	200 mV	400e-3	500 μ s	200 mV	200 mV	200 mV	50.0 μ s
38 mV	-16 mV	0 mV	500 μ s	17 #	17 #	17 #					

Tbase	-2.00 ms	Trigger	C4 DC
	500 μ s/div	Normal	1.00 V
2.50 kS	500 kS/s	Edge	Negative

LeCroy

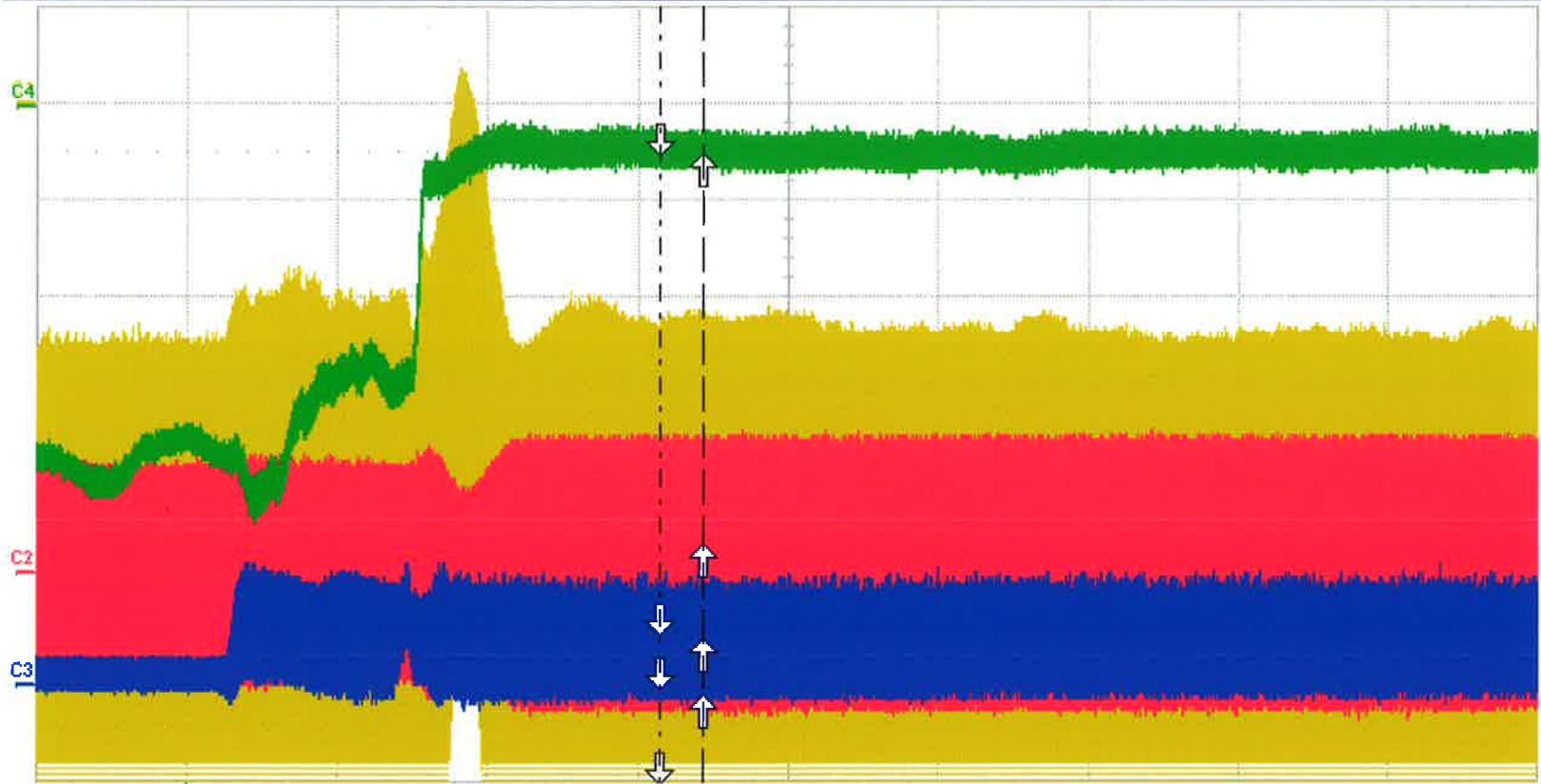
11/11/2019 10:24:57 AM



C1	D1	C2	D1	C4	F3	F3 script(...)	F4	<F3>	XY	XF1	Z4 zoom(...)
200 mV	200 mV	2.00 V	2.00	200 mV	200 mV	400e-3	200 mV	200 mV	200 mV	200 mV	400e-3
38 mV	-16 mV	0 mV	500 μ s	500 μ s	200 mV	50.0 μ s	200 mV	200 mV	200 mV	200 mV	50.0 μ s
			21 #	21 #	21 #	21 #	21 #	21 #	21 #	21 #	21 #

Tbase	-2.00 ms	Trigger	C4 D1
500 μ s/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)
value < -1.1329 V
status ↓

P2:pkpk(C2)
value 2.94 V
status ✓

P3:pkpk(C3)
value 144 V
status ✓

P4:mean(C3)
value 42.3 V
status ✓

P5:mean(C4)
value -89.9 V
status ✓

P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	200 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	590.0 V ofst
↓ ---	↓ -1.179 V	↓ 53.7 V	↓ -98.9 V
↑ -1.1090 V	↑ 279 mV	↑ -11.2 V	↑ -98.8 V
Δy ---	Δy 1.458 V	Δy -64.9 V	Δy -5.0 V

Timebase	-400 μs	Trigger	Ext/10 DC
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs
X2= 343.320 μs 1/ΔX= 34.412 kHz

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11/11/2019 10:26:27 AM

11-Nov-19

10:26:59

1

.5 ms
0.50 V

2

.5 ms
200 mV

3

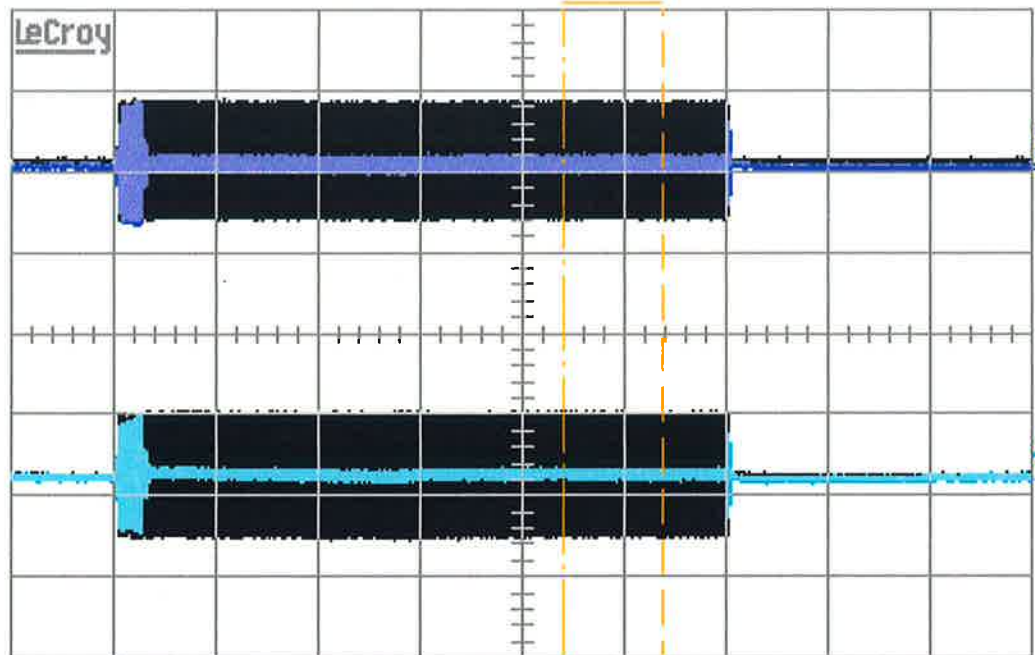
.5 ms
0.50 V

4

.5 ms
200 mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



4 sweeps:

	average	low	high	sigma
rms(1)	247.6mV	246.8	248.9	0.9
rms(2)	15.0mV	14.2	16.1	0.8
rms(3)	264.8mV	264.1	266.0	0.8
rms(4)	11.3mV	10.2	13.3	1.5
phase(1,3)	60.1 °	-131.3	220.1	39.3

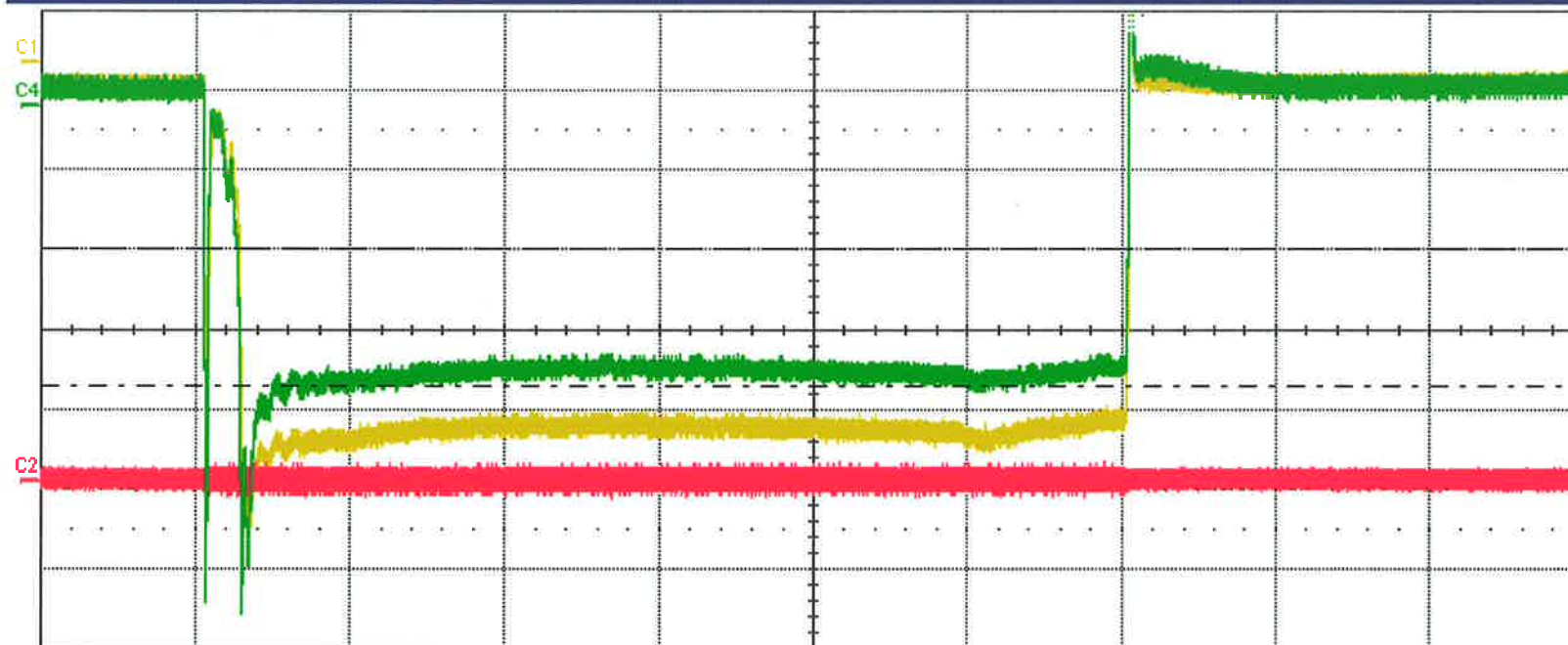


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-45.78 mV	-33.17 mV	-45.60 mV	-32.92 mV	---	---
mean	-45.7210 mV	-33.3608 mV	-45.7095 mV	-33.3202 mV	---	---
min	-46.57 mV	-34.16 mV	-46.65 mV	-34.38 mV	---	---
max	-44.77 mV	-32.12 mV	-44.91 mV	-32.43 mV	---	---
sdev	561.2 μ V	713.0 μ V	576.3 μ V	676.9 μ V	---	---
num	8	8	8	8	0	---
status	✓	✓	✓	✓	---	---

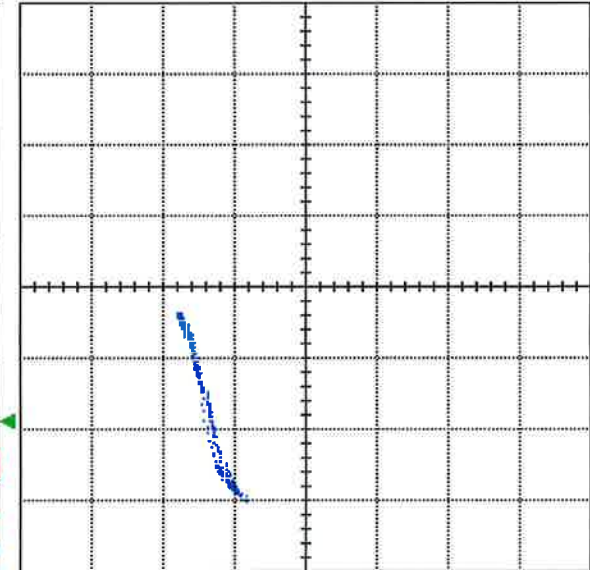
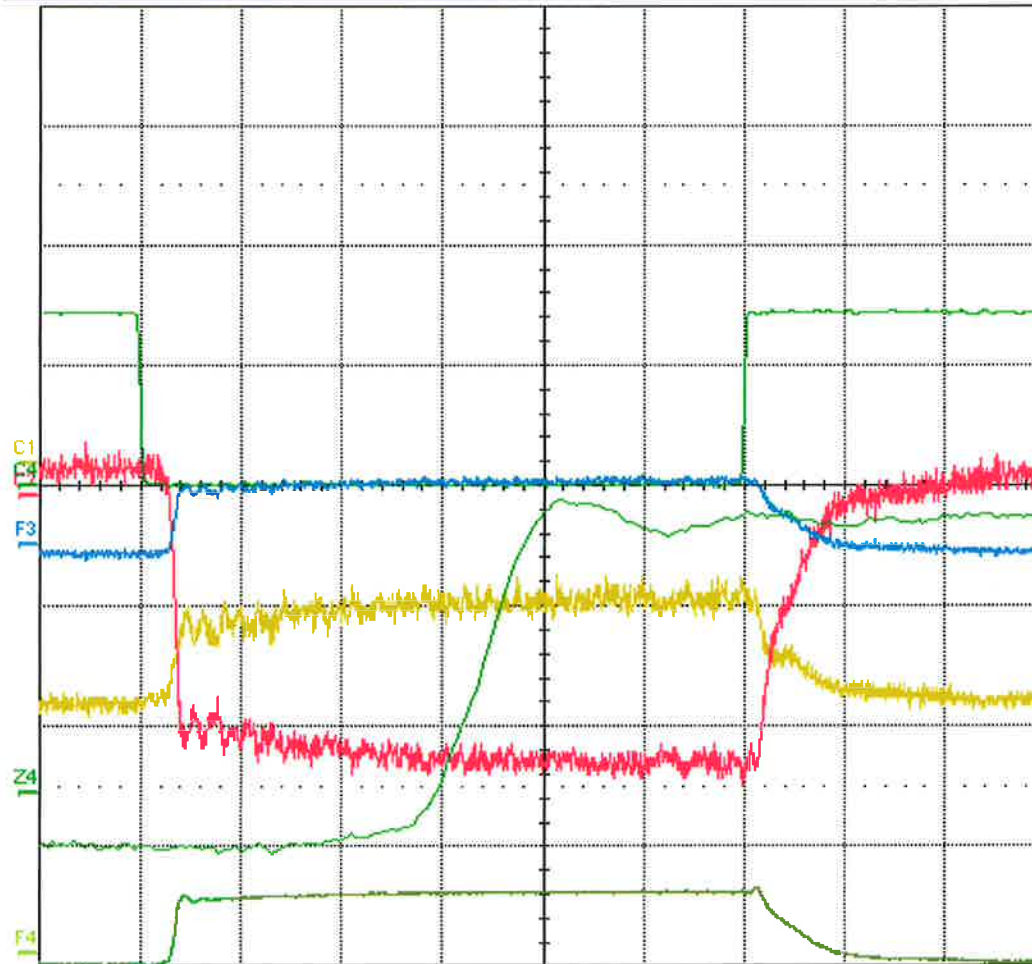
C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
33.50 mV ofst	-1.890 V ofst	28.00 mV ofst
----- -40.5 mV	----- 1.19 V	----- -35.0 mV
----- -23.5 mV	----- 2.89 V	----- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Ext/10 DC
	500 μ s/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

LeCroy

11/11/2019 10:26:48 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



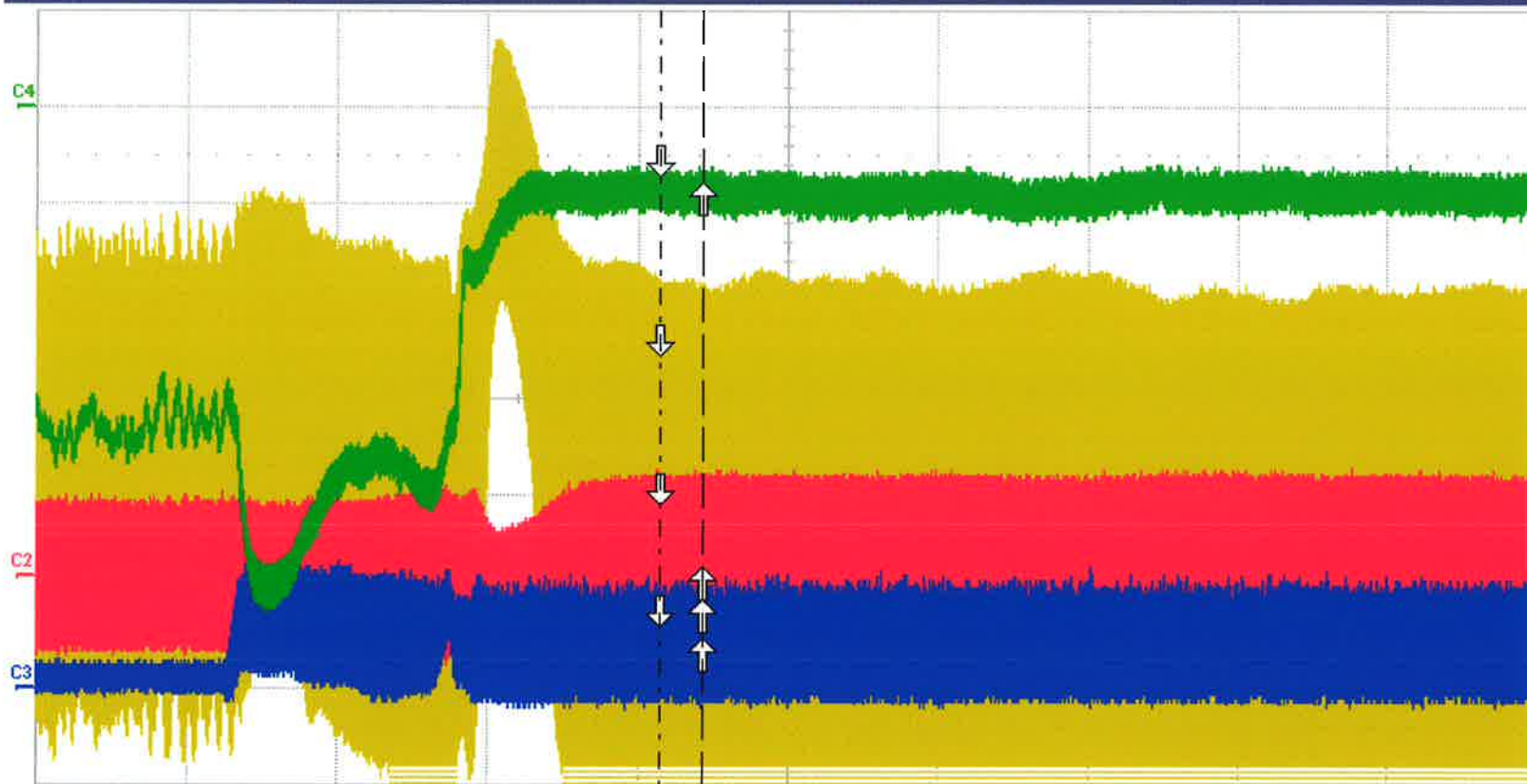
C1	D1	C2	D1	C4	F3	F3 script(...)	F4	<F3>	XY	X:F1	Z4	zoom(...)
200 mV	200 mV	200 mV	200 mV	2.00 V	2.00	2.00	2.00	2.00	200 mV	200 mV	400e-3	500e-3
38 mV	-16 mV	0 mV	0 mV	500 ps	500 ps	500 ps	500 ps	18 #	18 #	18 #	18 #	18 #

Tbase	-2.00 ms	Trigger	C4 DC
500 ps/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

LeCroy

11/11/2019 10:26:56 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)
< -1.0070 V
↓

P2:pkpk(C2)
2.19 V
✓

P3:pkpk(C3)
134 V
✓

P4:mean(C3)
41.0 V
✓

P5:mean(C4)
-88.6 V
✓

P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	100 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	299.0 V offset
↓ -512.2 mV	↓ 757 mV	↓ 65.7 V	↓ -69.8 V
↑ -1.1003 V	↑ 69 mV	↑ 89.6 V	↑ -78.2 V
Δy -588.2 mV	Δy -688 mV	Δy 23.9 V	Δy -9.3 V

Timebase	-400 μs	Trigger	Ext/10 DC
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs
X2= 343.320 μs 1/ΔX= 34.412 kHz

LeCroy

11/11/2019 10:30:23 AM

11-Nov-19
10:30:56

1
.5 ms
0.50 V

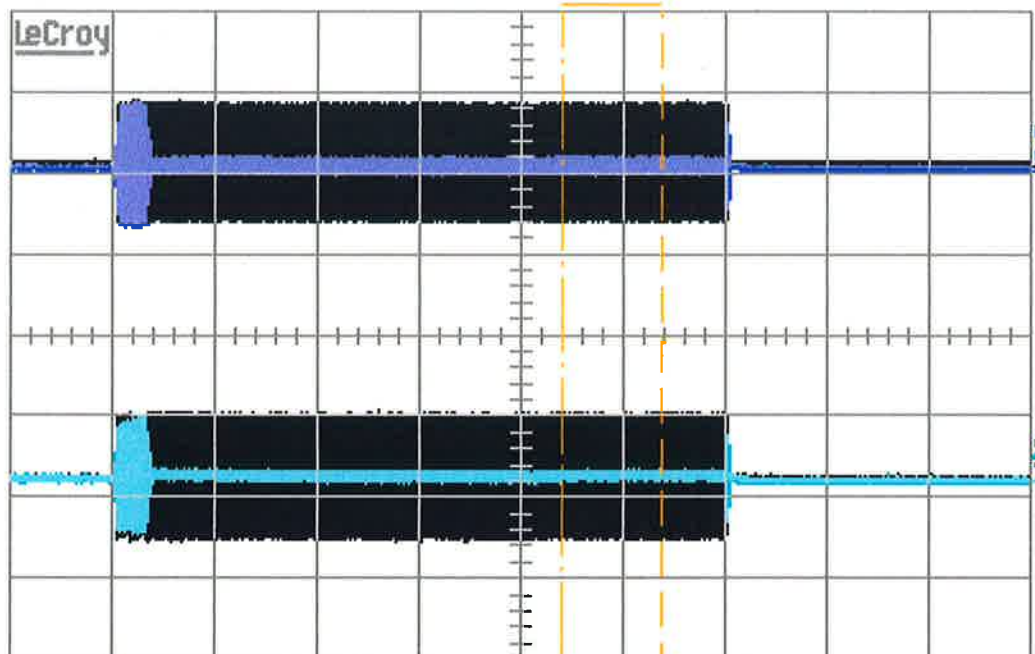
2
.5 ms
200 mV

3
.5 ms
0.50 V

4
.5 ms
200 mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



7 sweeps:

	average	low	high	sigma
rms(1)	249.4mV	248.6	250.4	0.6
rms(2)	14.7mV	13.9	15.6	0.5
rms(3)	266.5mV	265.7	267.3	0.5
rms(4)	11.7mV	10.1	12.9	1.0
phase(1,3)	65.8 °	29.7	220.6	37.8

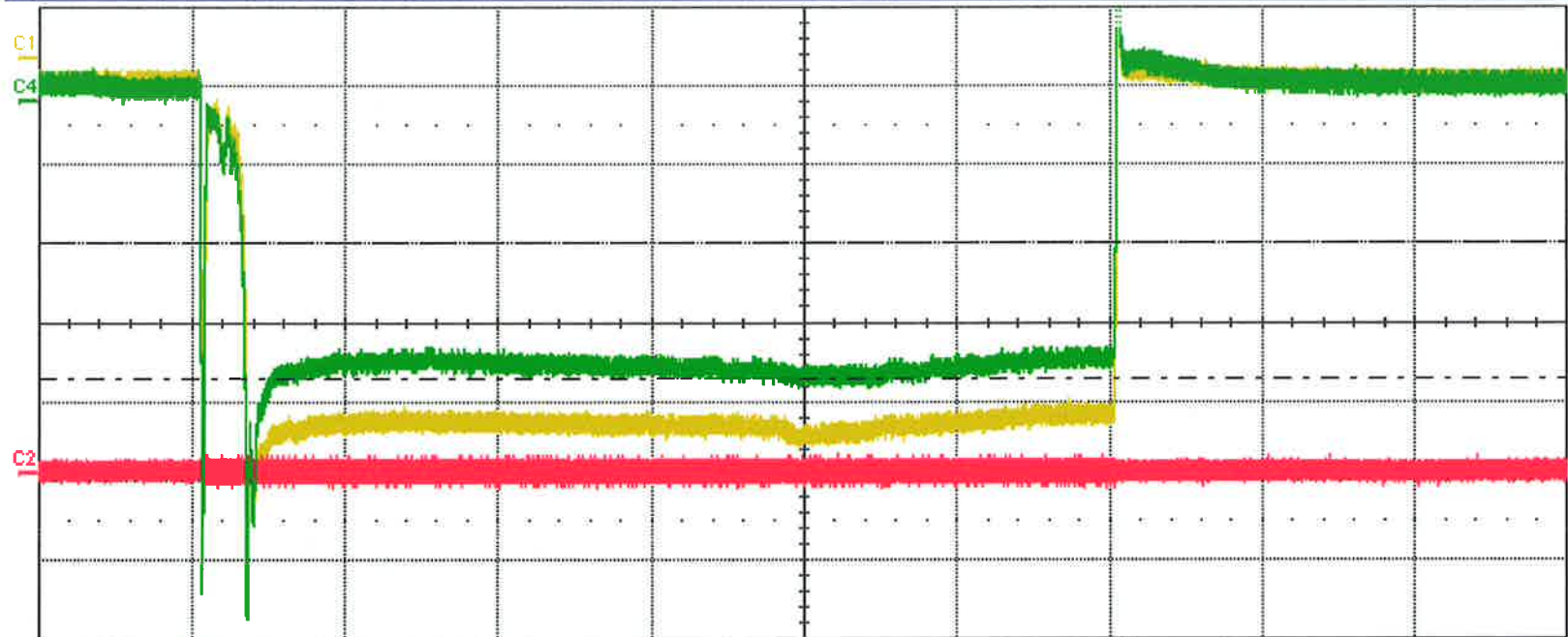


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure

	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-47.75 mV	-34.75 mV	-46.61 mV	-33.95 mV	---	---
mean	-46.4175 mV	-33.5846 mV	-46.4557 mV	-33.5652 mV	---	---
min	-47.75 mV	-34.75 mV	-47.63 mV	-34.71 mV	---	---
max	-44.96 mV	-32.27 mV	-45.25 mV	-32.35 mV	---	---
sdev	1.0666 mV	998.6 μ V	940.8 μ V	896.4 μ V	---	---
num	10	10	10	10	0	---
status	✓	✓	✓	✓	---	---

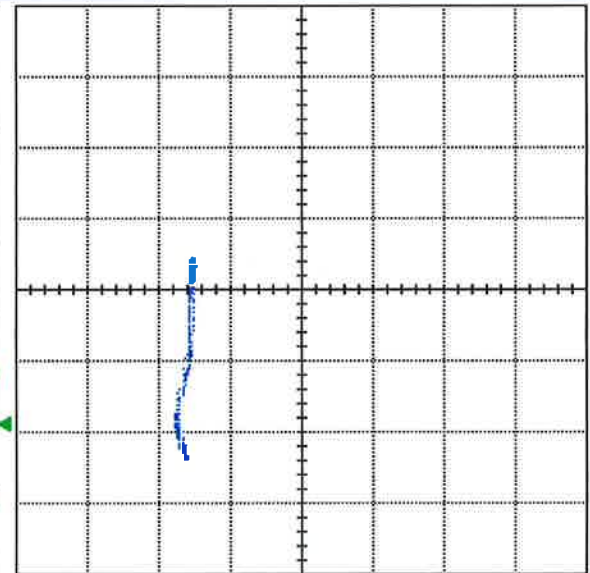
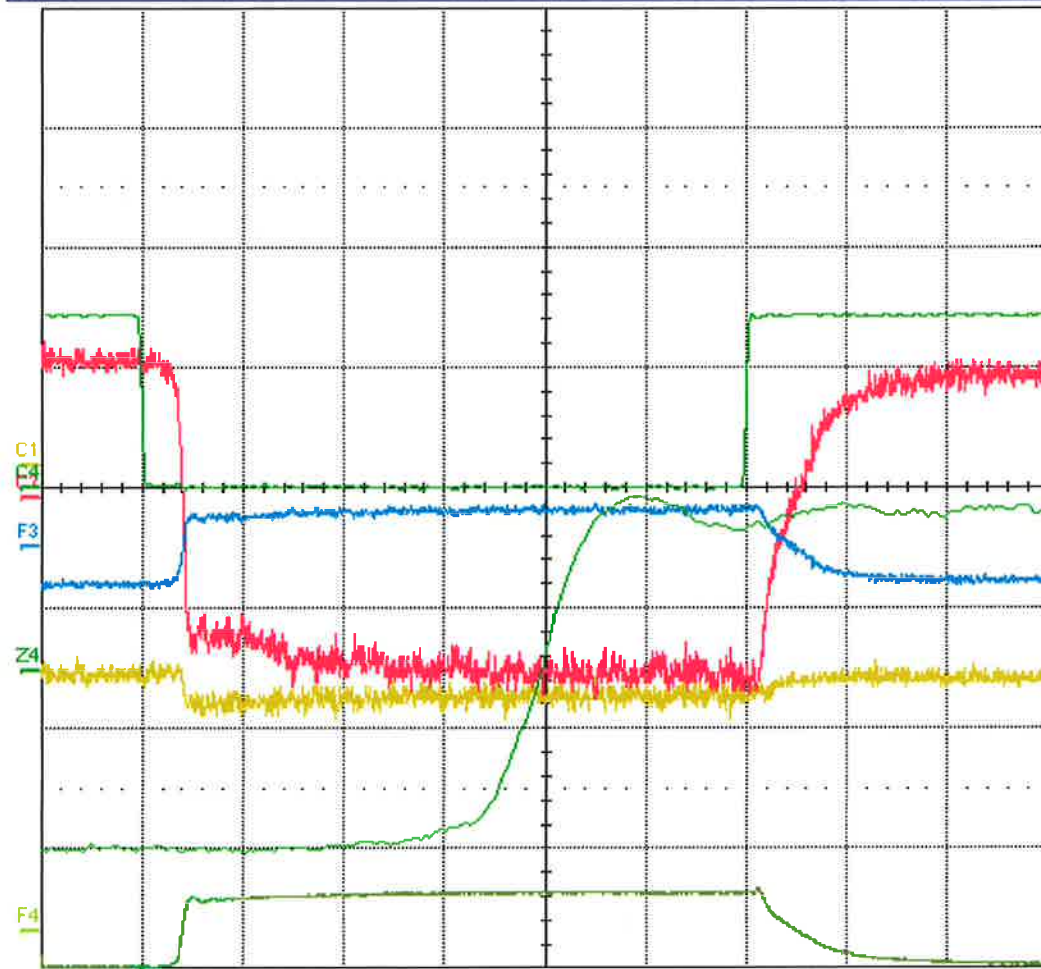
C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
33.50 mV ofst	-1.890 V ofst	28.00 mV ofst
---- -40.5 mV	---- 1.19 V	---- -35.0 mV
----- -23.5 mV	----- 2.89 V	----- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Edge DC
	500 μ s/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

LeCroy

11/11/2019 10:30:44 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



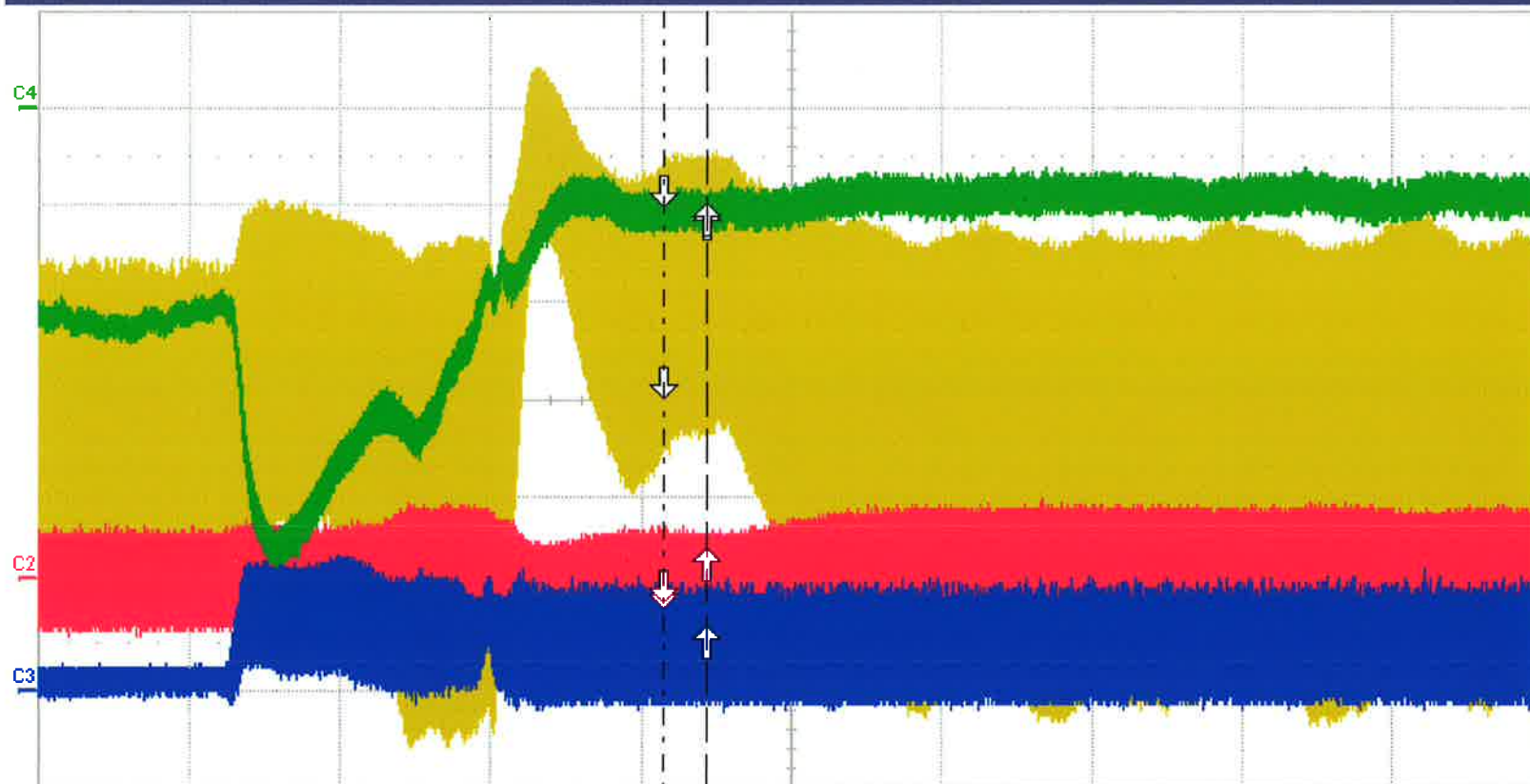
C1	D1	C2	D1	C4	F3	F3	script...	F4	<F3>	XY	XFL	Z4	zoom...
200 mV	200 mV	200 mV	200 mV	2.00 V	2.00	2.00	2.00	2.00	2.00	200 mV	200 mV	400e-3	400e-3
38 mV	-16 mV	0 mV	0 mV	500 μ s	500 μ s	500 μ s	22 #	22 #	22 #	22 #	22 #	22 #	22 #

Tbase	-2.00 ms	Trigger	C4 DC
500 μ s/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

LeCroy

11/11/2019 10:30:55 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)

-718.8 mV



P2:pkpk(C2)

1.53 V



P3:pkpk(C3)

144 V



P4:mean(C3)

41.7 V



P5:mean(C4)

-90.4 V



P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	100 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	299.0 V offset
↓ -592.6 mV	↓ -271 mV	↓ 93.4 V	↓ -99.4 V
↑ -207.1 mV	↑ 291 mV	↑ 66.0 V	↑ -98.2 V
Δy 385.5 mV	Δy 563 mV	Δy -27.3 V	Δy 1.2 V

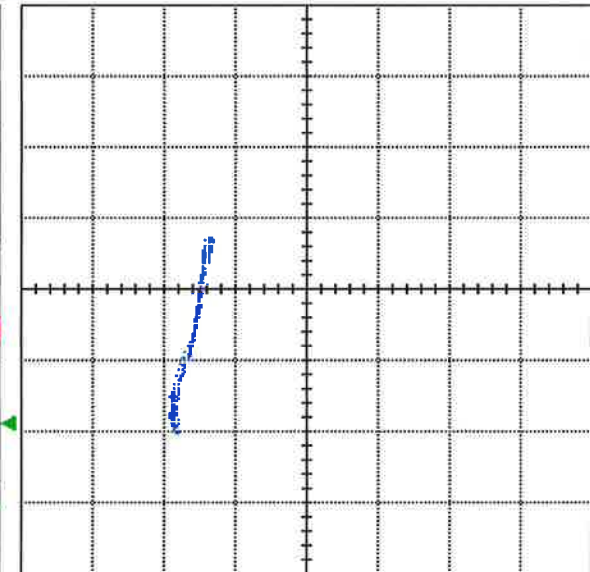
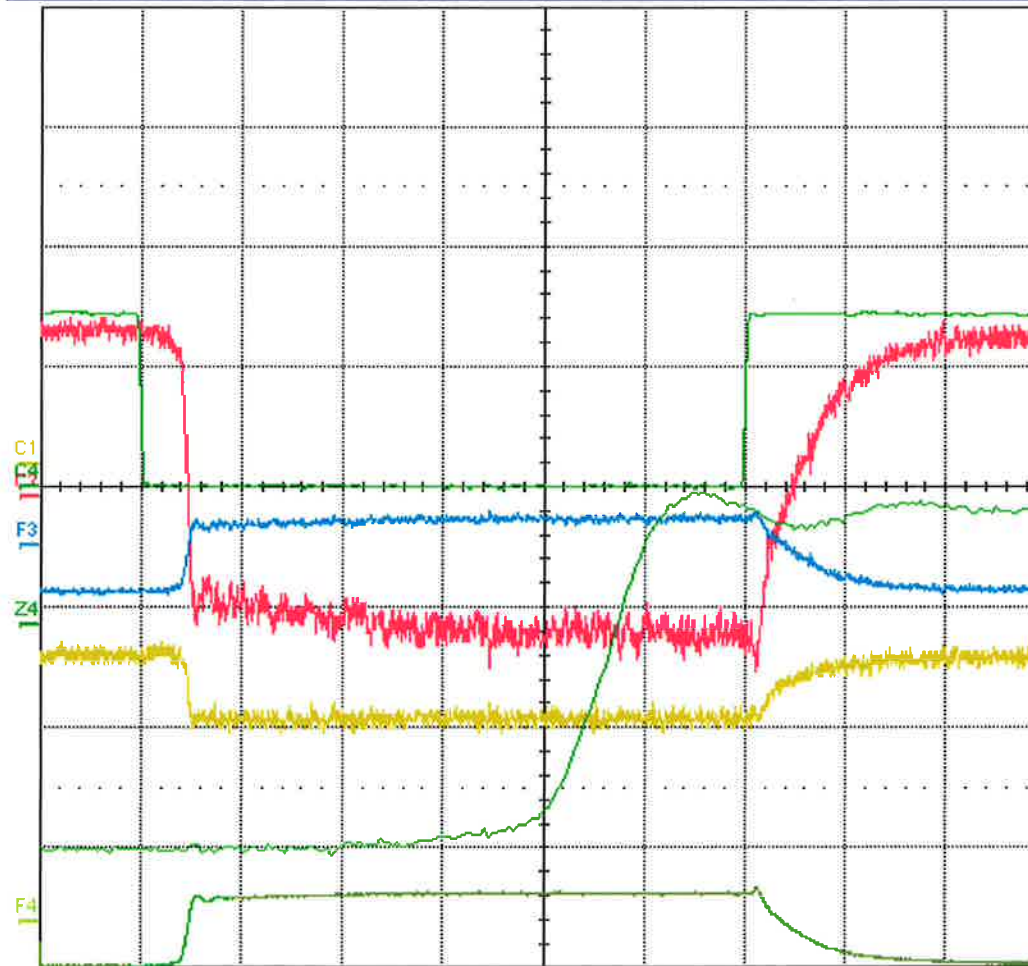
Timebase	-400 μs	Trigger	Edge/10 DC
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs
X2= 343.320 μs 1/ΔX= 34.412 kHz

LeCroy

11/11/2019 10:32:05 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



C1	D1	C2	D1	C4	F3	F3 script(...)	F4	<F3>	XY	XF1	Z4 zoom(...)
200 mV	200 mV	2.00 V	2.00	200 mV	2.00	2.00	200 mV	400e-3	200 mV	200 mV	400e-3
38 mV	-16 mV	0 mV	500 ps	500 ps	16 #	16 #	500 ps	50.0 ps	16 #	16 #	16 #

Tbase	-2.00 ms	Trigger	C4 DC
500 ps/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

LeCroy

11/11/2019 10:32:37 AM

11-Nov-19
10:33:44

1
.5 ms
0.50 V

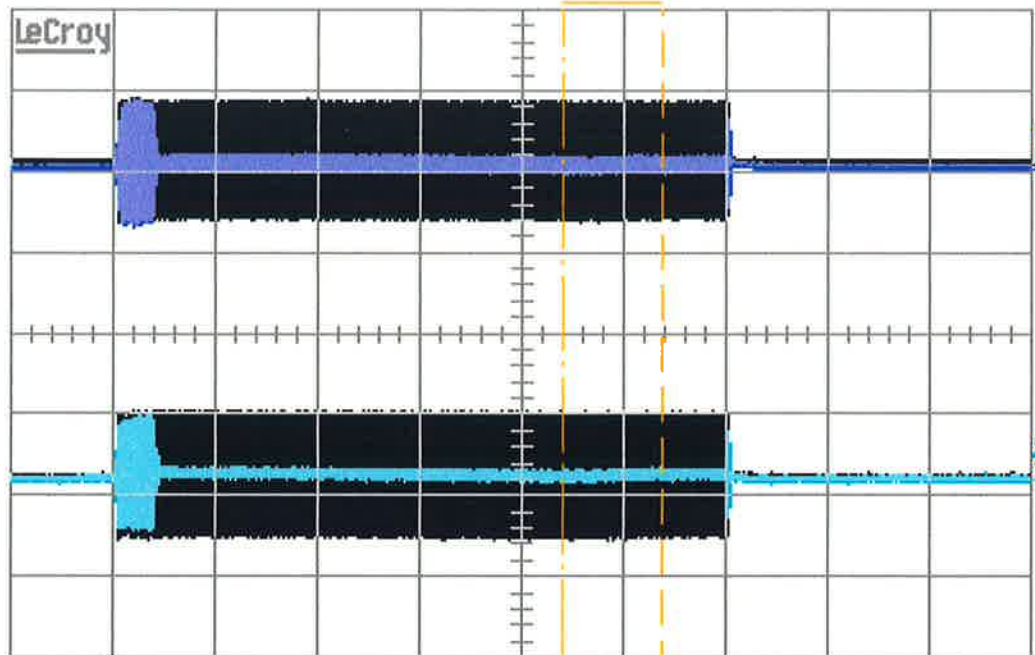
2
.5 ms
200 mV

3
.5 ms
0.50 V

4
.5 ms
200 mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



66 sweeps:

	average	low	high	sigma
rms(1)	249.6mV	247.1	251.6	1.0
rms(2)	14.6mV	13.0	15.8	0.6
rms(3)	266.7mV	264.3	268.5	1.0
rms(4)	11.3mV	8.4	13.2	1.2
phase(1,3)	63.0 °	-133.6	221.0	39.3

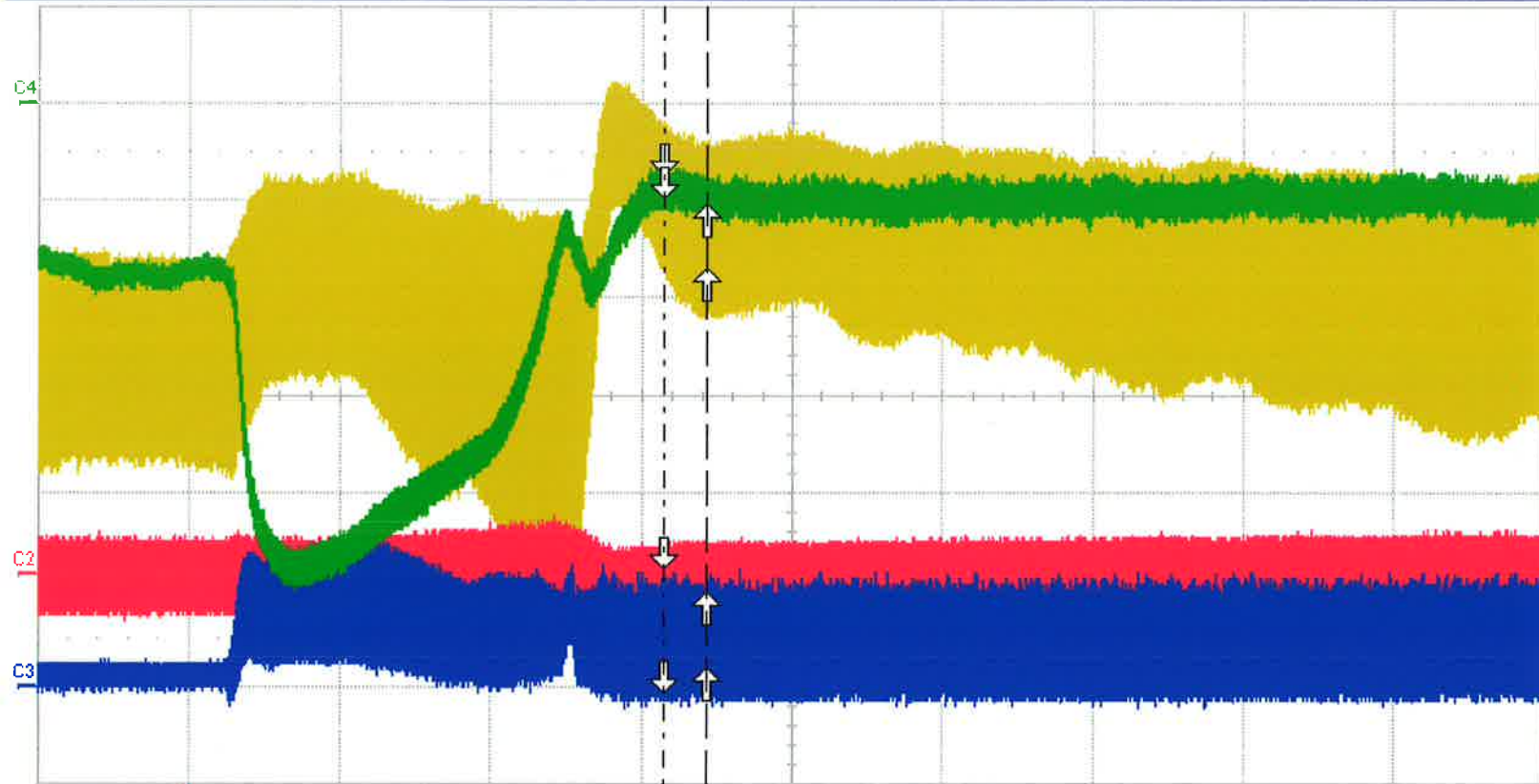


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)

-416.8 mV

P2:pkpk(C2)

969 mV

P3:pkpk(C3)

134 V

P4:mean(C3)

41.8 V

P5:mean(C4)

-96.2 V

P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	100 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	299.0 V offset
↓ -146.2 mV	↓ 78 mV	↓ -4.3 V	↓ -95.9 V
↑ -343.3 mV	↑ -198 mV	↑ 18.5 V	↑ -105.2 V
Δy -197.1 mV	Δy -276 mV	Δy 22.8 V	Δy -9.4 V

Timebase	-400 μs	Trigger	Ext/10
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs

X2= 343.320 μs 1/ΔX= 34.412 kHz

LeCroy

11/11/2019 10:34:42 AM

11-Nov-19

10:35:26

1
.5 ms
0.50 V

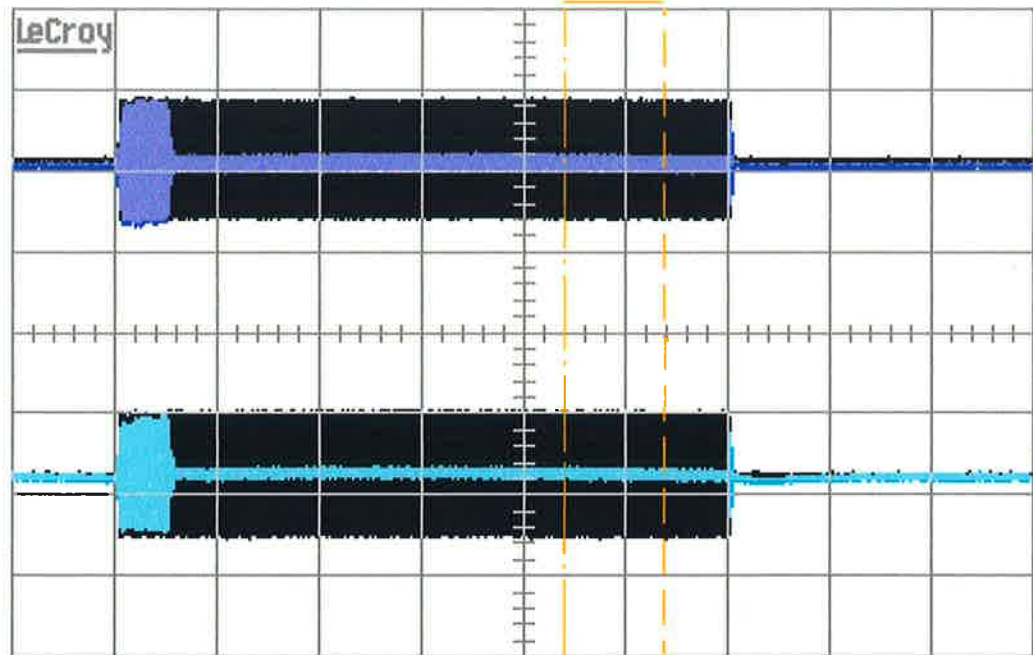
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



9 sweeps:

	average	low	high	sigma
rms(1)	249.9mV	248.6	251.1	0.9
rms(2)	14.9mV	14.3	15.8	0.5
rms(3)	266.8mV	265.4	268.0	0.9
rms(4)	11.5mV	10.1	13.2	1.1
phase(1,3)	61.7 °	-132.1	220.7	37.0

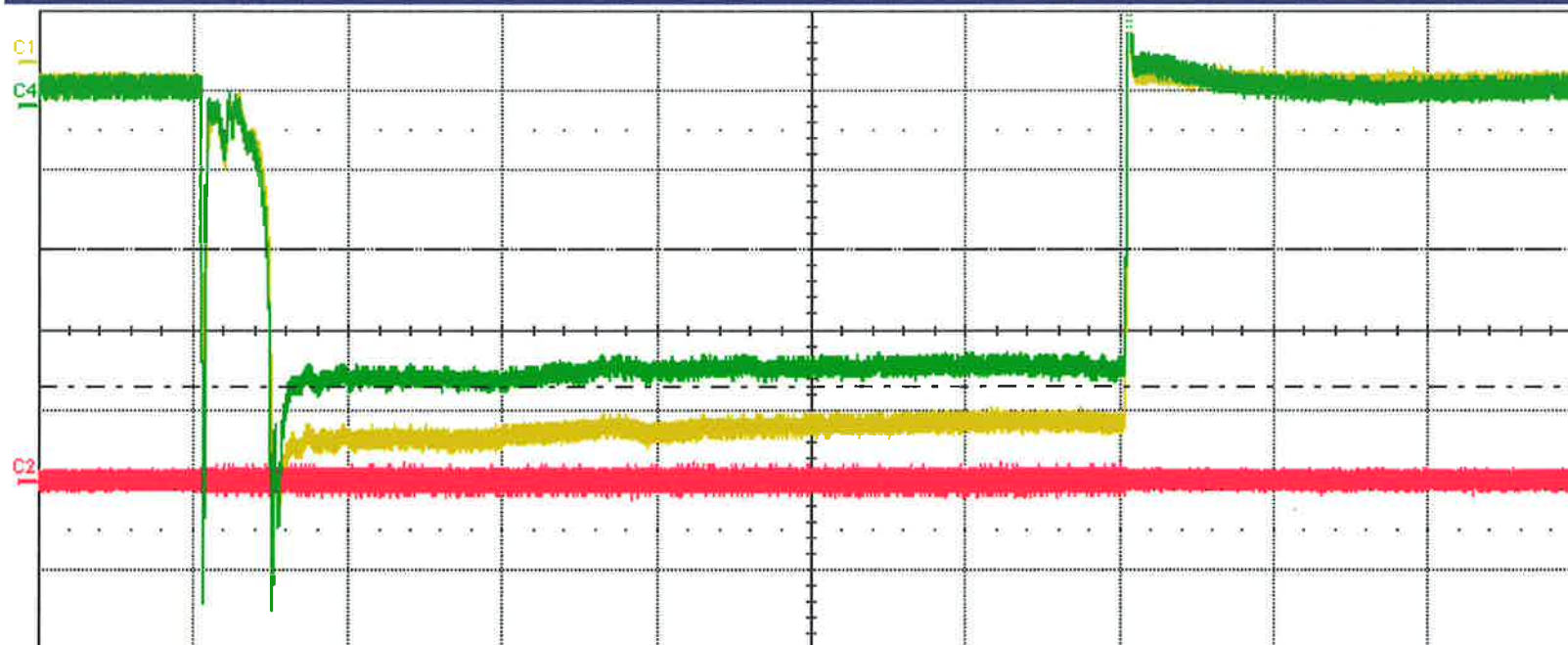


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-45.49 mV	-32.75 mV	-45.75 mV	-32.78 mV	---	---
mean	-46.5287 mV	-33.7733 mV	-46.5916 mV	-33.7033 mV	---	---
min	-47.58 mV	-34.81 mV	-48.09 mV	-35.44 mV	---	---
max	-45.49 mV	-32.75 mV	-45.68 mV	-32.69 mV	---	---
sdev	676.6 μ V	695.2 μ V	732.2 μ V	818.4 μ V	---	---
num	12	12	12	12	0	---
status	✓	✓	✓	✓	---	---

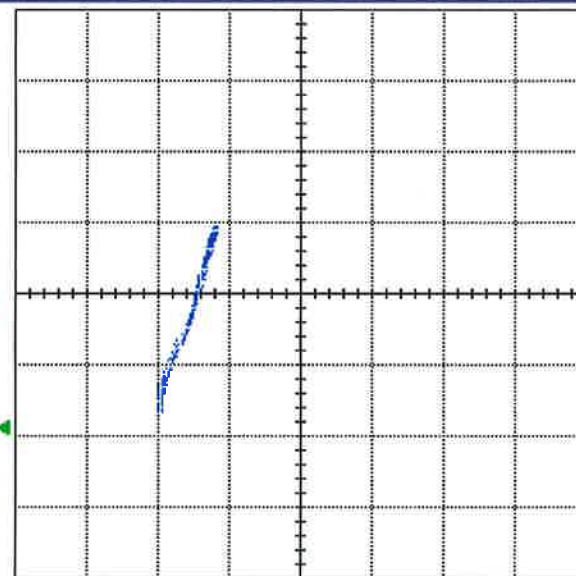
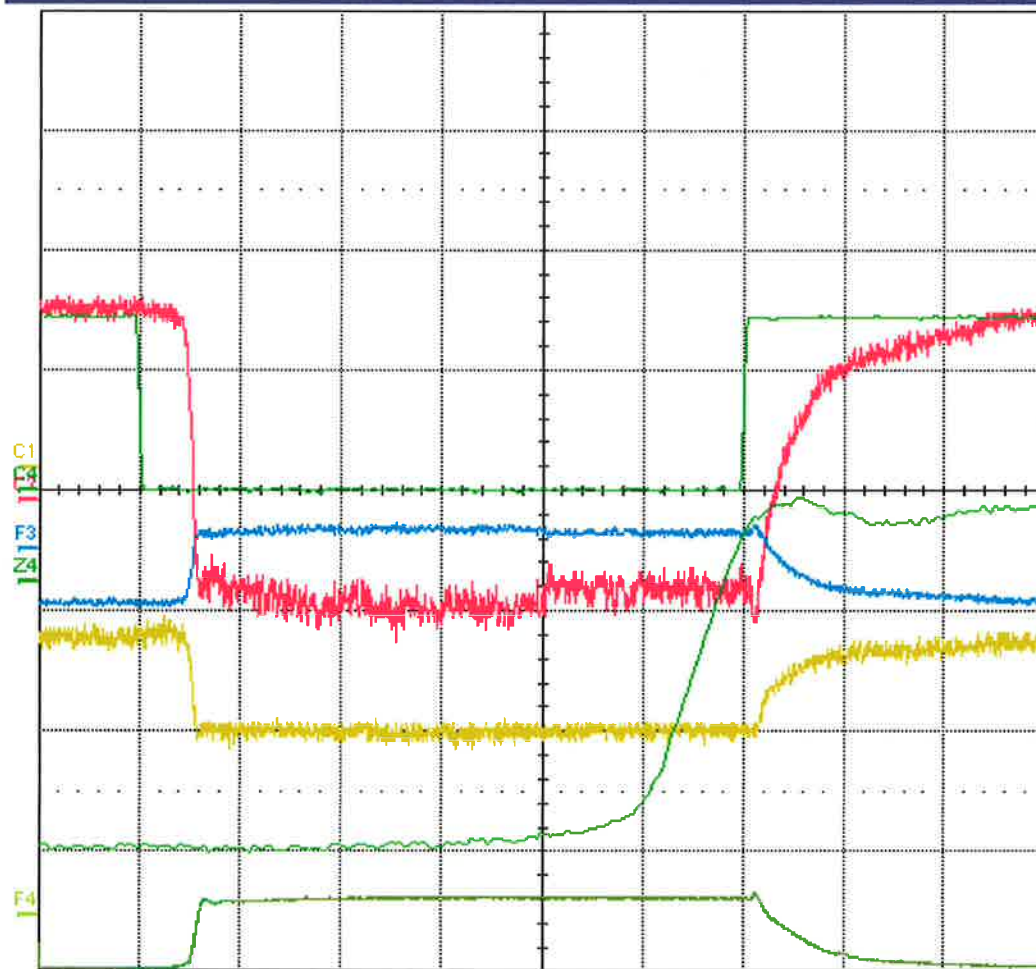
C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
39.50 mV ofst	-1.890 V ofst	29.00 mV ofst
---- -40.5 mV	---- 1.19 V	---- -35.0 mV
---- -23.5 mV	---- 2.89 V	---- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Ext/10 DC
1.00 MS	500 μ s/div	Normal	200 mV
	200 MS/s	Edge	Negative

LeCroy

11/11/2019 10:35:14 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



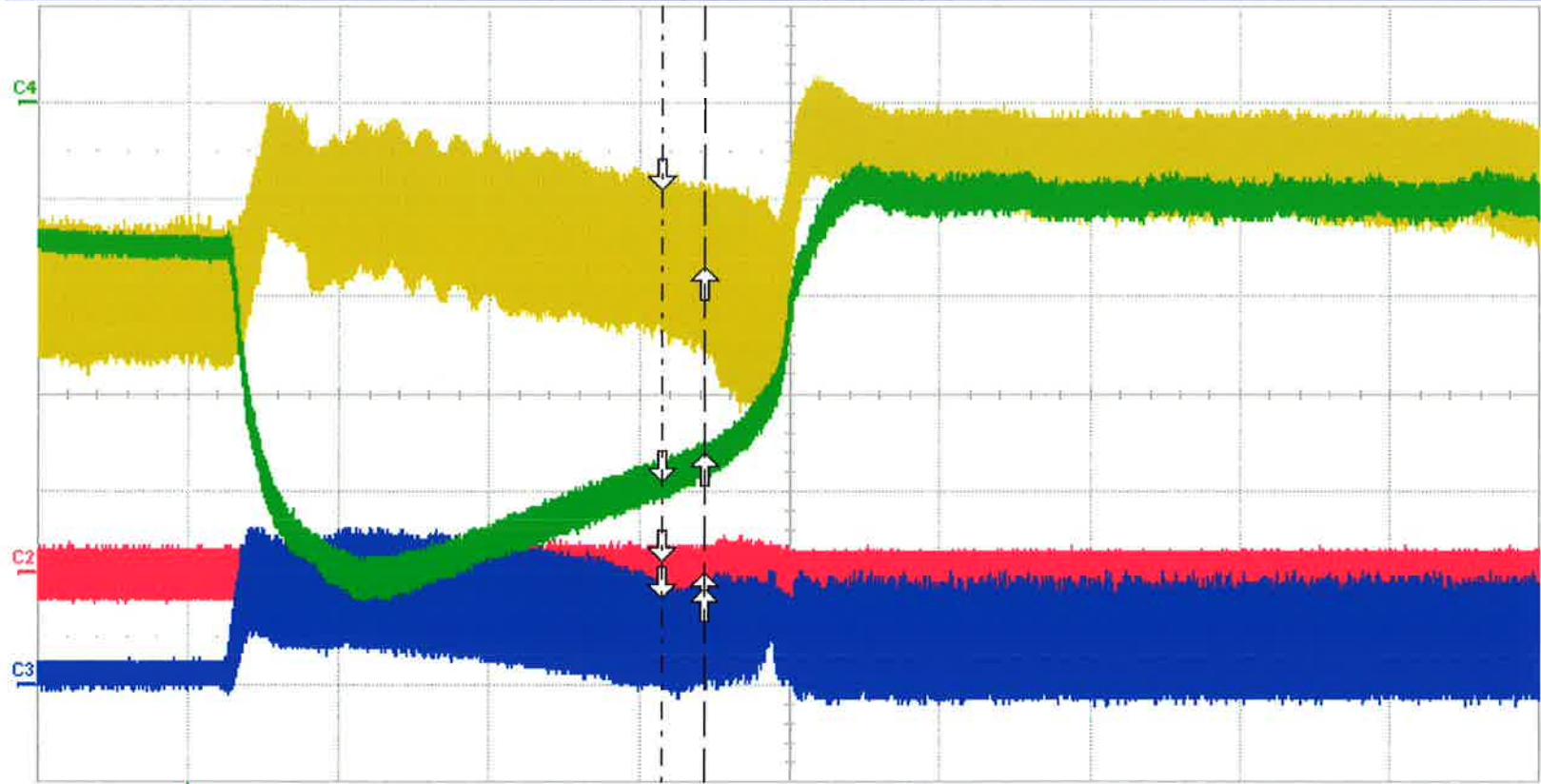
C1	D1	C2	D1	C4	F3	F3 script...	F4	<F3>	XY	XF1...	Z4 zoom(...)
200 mV	200 mV	200 mV	200 mV	2.00 V	2.00	2.00	2.00	2.00	200 mV	200 mV	400e-3
38 mV	-16 mV	0 mV	500 μ s	500 μ s	22 #	22 #	22 #	22 #	22 #	22 #	22 #

Tbase	-2.00 ms	Trigger	C4 DC
500 μ s/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

LeCroy

11/11/2019 10:35:22 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)

-146.5 mV

P2:pkpk(C2)

563 mV

P3:pkpk(C3)

141 V

P4:mean(C3)

41.1 V

P5:mean(C4)

-97.8 V

P6:---

C1	C2	C3	C4
200 mV/div	1.00 V/div	100 V/div	100 V/div
600.0 mV offset	-1.840 V offset	-300.0 V offset	289.0 V offset
↓ -177.4 mV	↓ 145 mV	↓ 92.6 V	↓ -387.0 V
↑ -344.1 mV	↑ -30 mV	↑ 97.6 V	↑ -361.5 V
Δy -166.7 mV	Δy -176 mV	Δy 5.1 V	Δy 25.5 V

Timebase	-400 μs	Trigger	Ext/10 DC
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

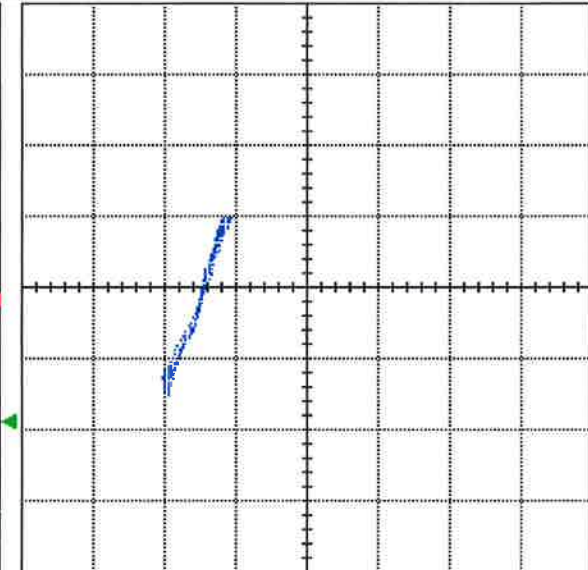
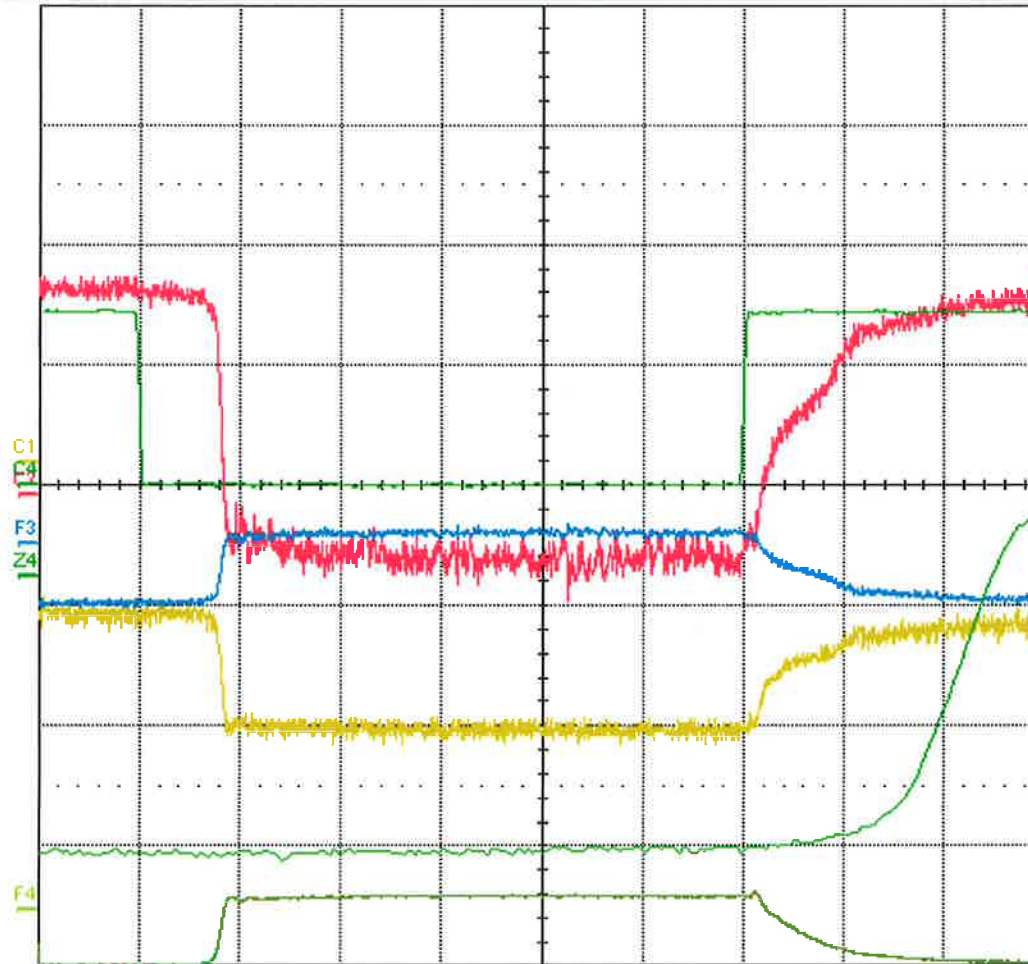
X1= 314.260 μs ΔX= 29.060 μs

X2= 343.320 μs 1/ΔX= 34.412 kHz

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11/11/2019 10:35:59 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



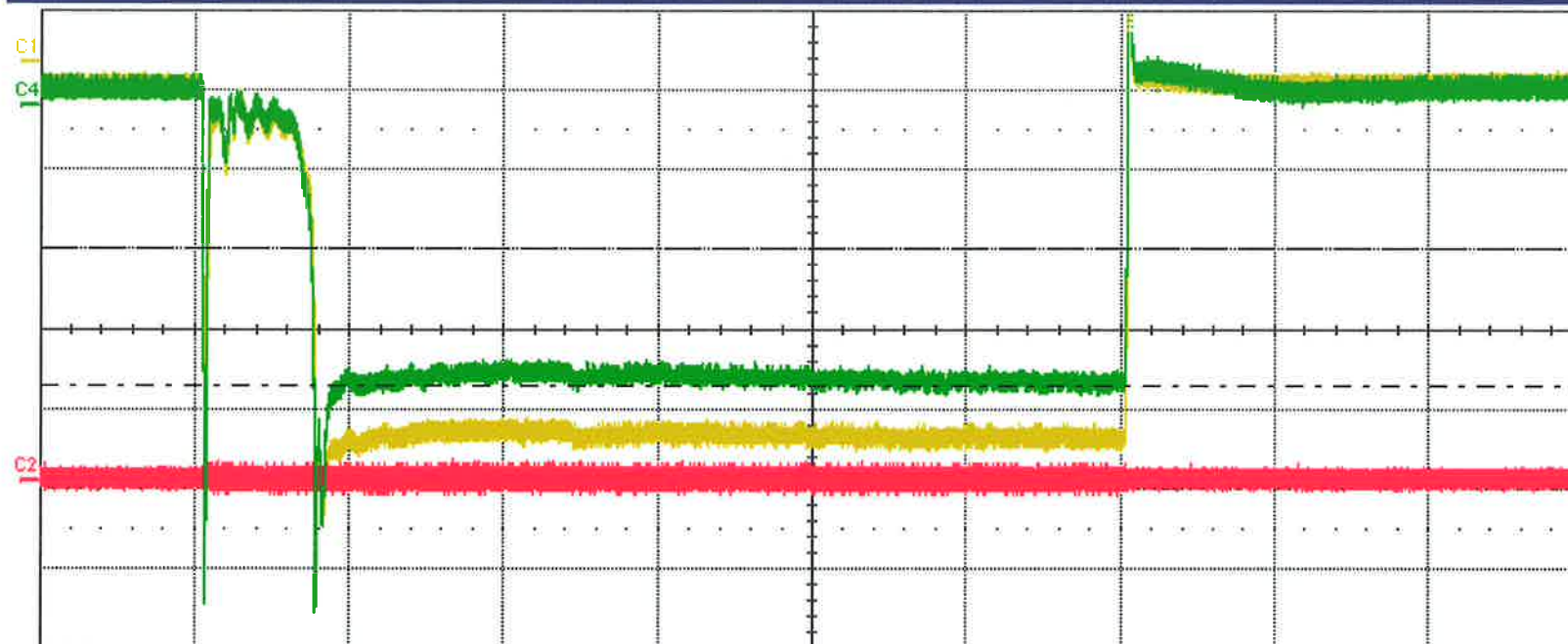
C1	D1	C2	D1	C4	F3	F3 script(...)	F4	<F3>	XY	XFI	Z4 zoom(...)
200 mV	200 mV	200 mV	200 mV	2.00 V	2.00	2.00	2.00	2.00	200 mV	200 mV	400e-3
38 mV	-16 mV	0 mV	500 μ s	500 μ s	18 #	18 #	18 #	18 #	18 #	18 #	18 #

Tbase	-2.00 ms	Trigger	C4 DC
500 μ s/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

LeCroy

11/11/2019 10:36:34 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-46.74 mV	-34.14 mV	-46.69 mV	-33.95 mV	---	---
mean	-46.2570 mV	-33.6263 mV	-46.3357 mV	-33.6409 mV	---	---
min	-47.31 mV	-34.65 mV	-47.46 mV	-34.99 mV	---	---
max	-44.66 mV	-32.24 mV	-44.59 mV	-32.14 mV	---	---
sdev	773.7 μ V	732.6 μ V	698.7 μ V	686.3 μ V	---	---
num	18	18	18	18	0	---
status	✓	✓	✓	✓	---	---

C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
33.50 mV ofst	-1.890 V ofst	28.00 mV ofst
----- -40.5 mV	----- 1.19 V	----- -35.0 mV
----- -23.5 mV	----- 2.89 V	----- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Ext/IO DC
	500 μ s/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

LeCroy

11/11/2019 10:36:37 AM

11-Nov-19
10:36:52

1
.5 ms
0.50 V

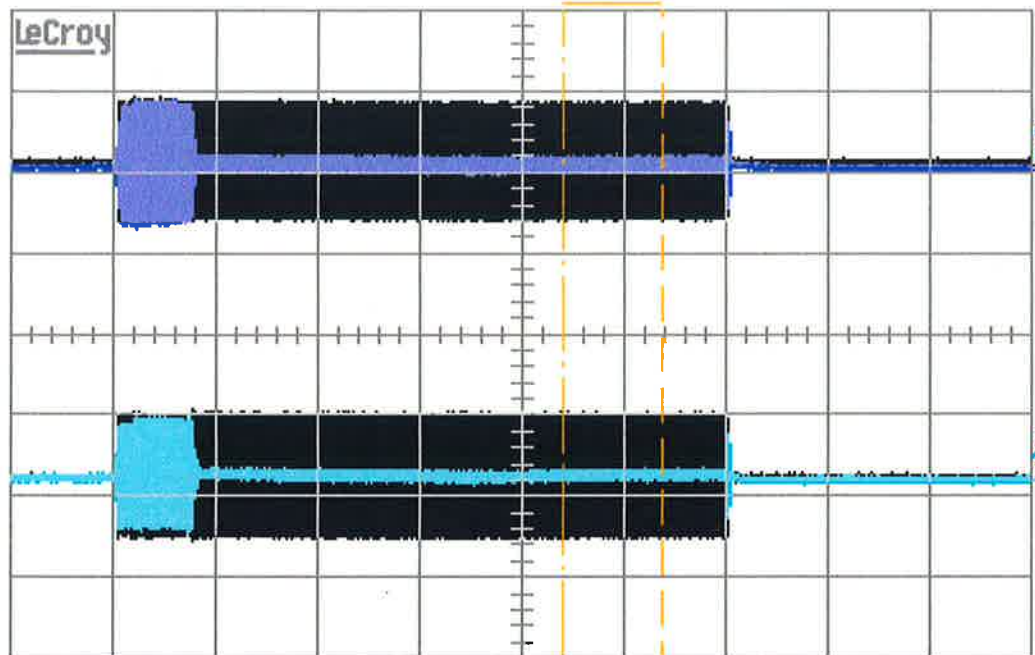
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



18 sweeps:

	average	low	high	sigma
rms(1)	248.4mV	246.9	249.5	0.8
rms(2)	14.8mV	13.1	16.1	0.7
rms(3)	265.1mV	263.7	266.4	0.7
rms(4)	11.4mV	8.5	13.4	1.2
phase(1,3)	61.7 °	-133.3	221.1	39.9

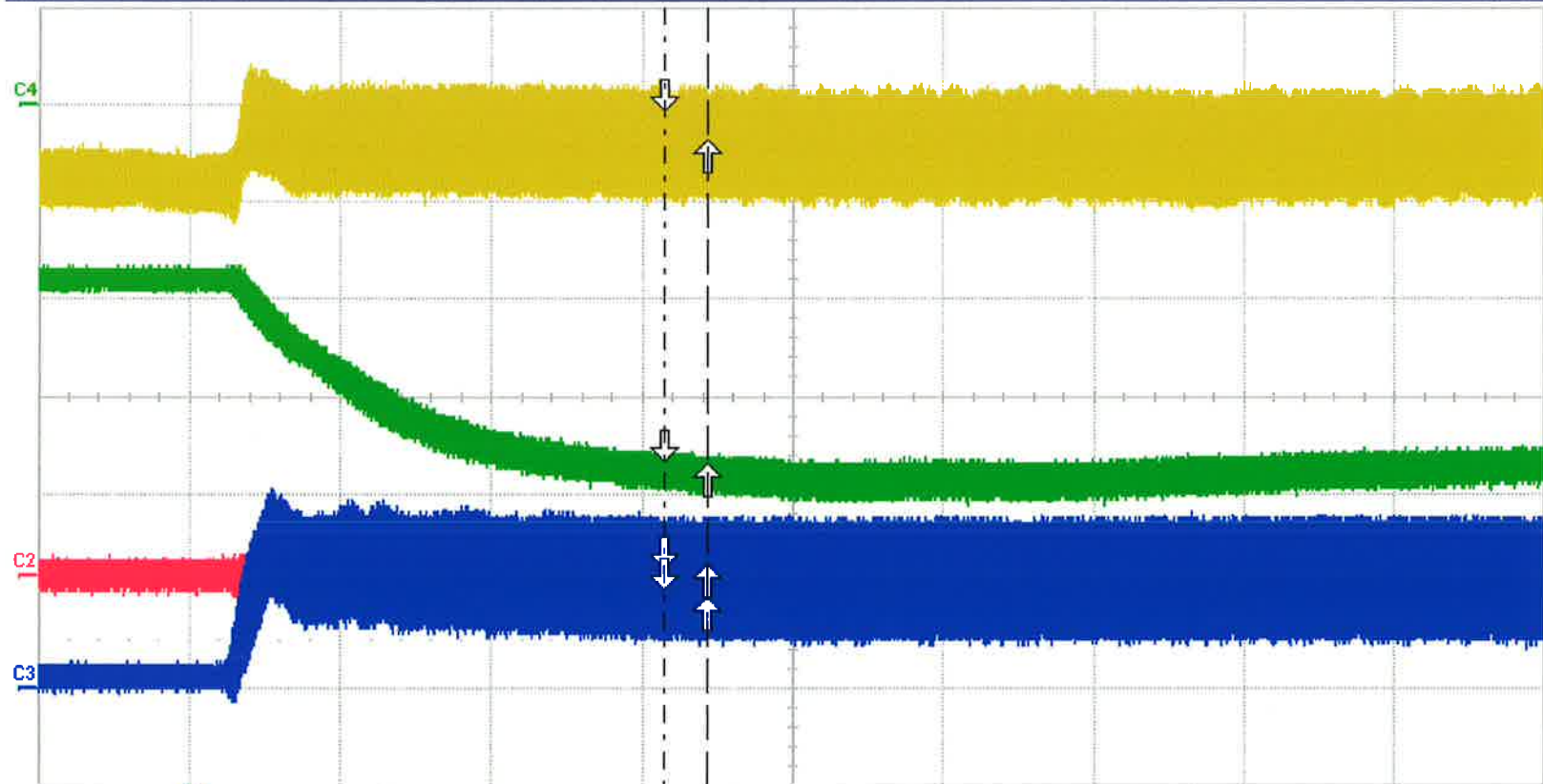


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)
-86.1 mV
✓

P2:pkpk(C2)
531 mV
✓

P3:pkpk(C3)
138 V
✓

P4:mean(C3)
112.6 V
✓

P5:mean(C4)
-371.6 V
✓

P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	100 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	289.0 V offset
↓ -9.9 mV	↓ 90 mV	↓ 104.9 V	↓ -363.3 V
↑ -77.1 mV	↑ 95 mV	↑ 92.4 V	↑ -369.1 V
Δy -67.2 mV	Δy 5 mV	Δy -12.5 V	Δy -5.7 V

Timebase	-400 μs	Trigger	Ext/IO DC
	100 μs/div	Normal	200 mV
1.00 MS	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs

X2= 343.320 μs 1/ΔX= 34.412 kHz

LeCroy

11/11/2019 10:37:51 AM

11-Nov-19

10:38:20

1

.5 ms
0.50 V

2

.5 ms
200mV

3

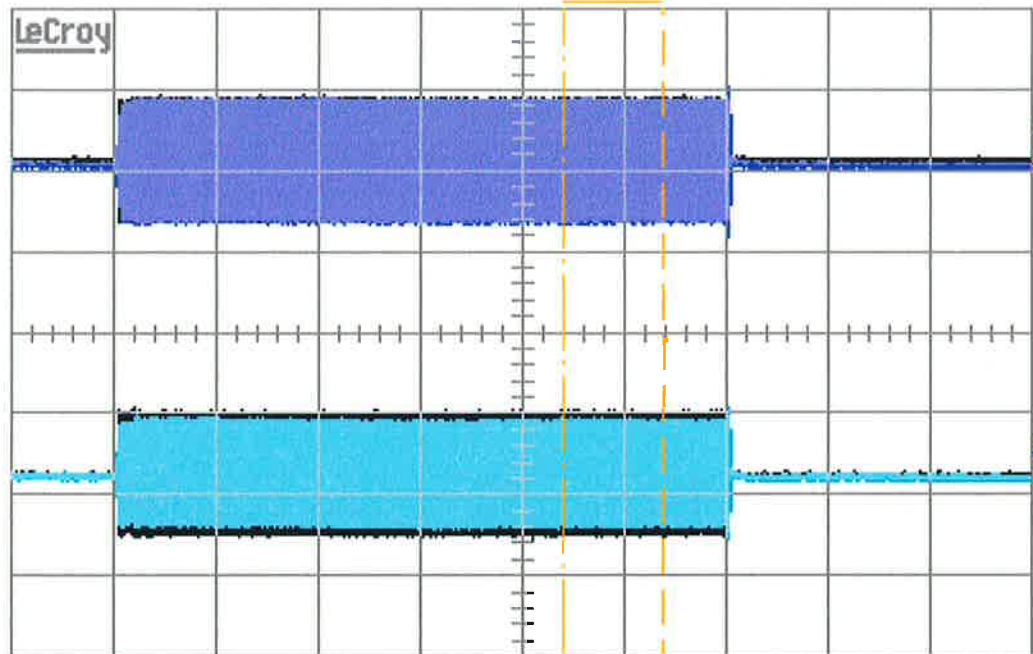
.5 ms
0.50 V

4

.5 ms
200mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



4 sweeps:

	average	low	high	sigma
rms(1)	262.8mV	262.1	263.7	0.7
rms(2)	106.1mV	105.9	106.4	0.2
rms(3)	262.4mV	261.7	263.2	0.6
rms(4)	91.9mV	91.8	92.1	0.1
phase(1,3)	78.1 °	28.2	217.4	38.9

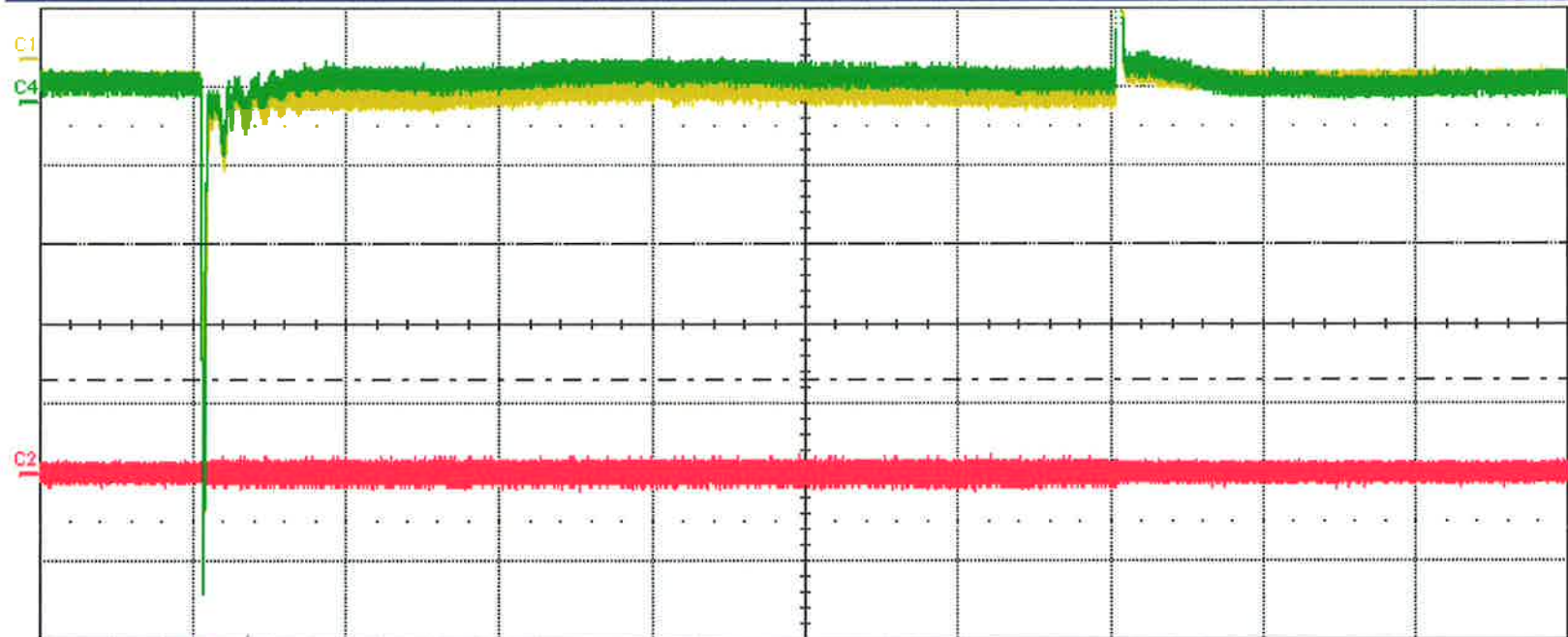


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure

	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-4.24 mV	3.43 mV	-4.07 mV	3.68 mV	---	---
mean	-4.2210 mV	3.3226 mV	-4.2690 mV	3.3103 mV	---	---
min	-4.97 mV	2.56 mV	-5.39 mV	1.85 mV	---	---
max	-3.66 mV	4.09 mV	-3.40 mV	4.37 mV	---	---
sdev	446.5 μ V	496.9 μ V	559.1 μ V	665.4 μ V	---	---
num	8	8	8	8	0	---
status	✓	✓	✓	✓		

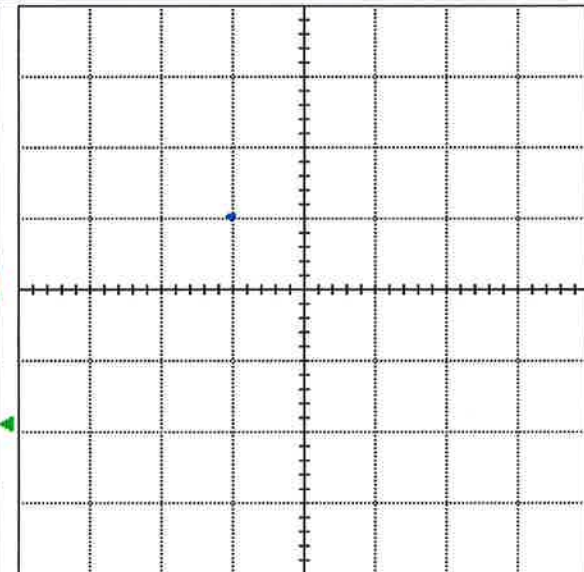
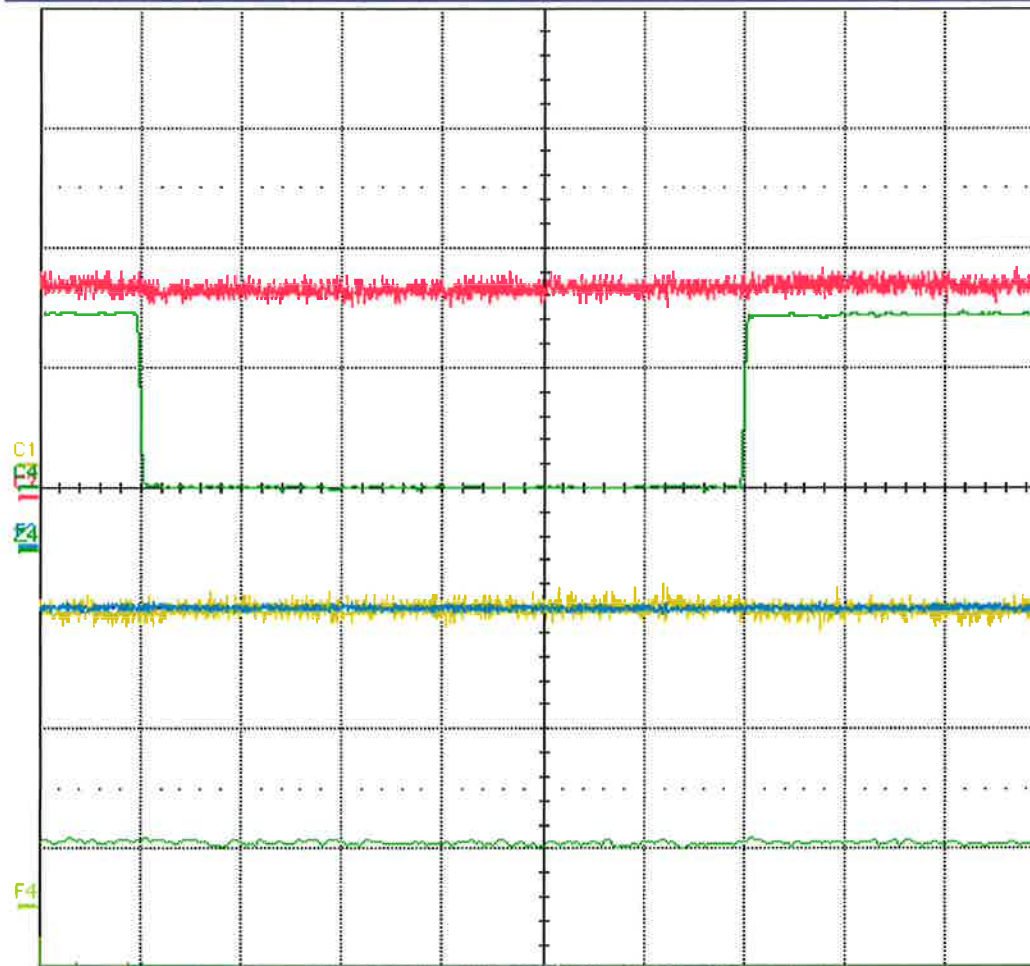
C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
33.50 mV ofst	-1.890 V ofst	28.00 mV ofst
----- -40.5 mV	----- 1.19 V	----- -35.0 mV
----- -23.5 mV	----- 2.89 V	----- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Ext/IO D.C
	500 μ s/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

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11/11/2019 10:38:09 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



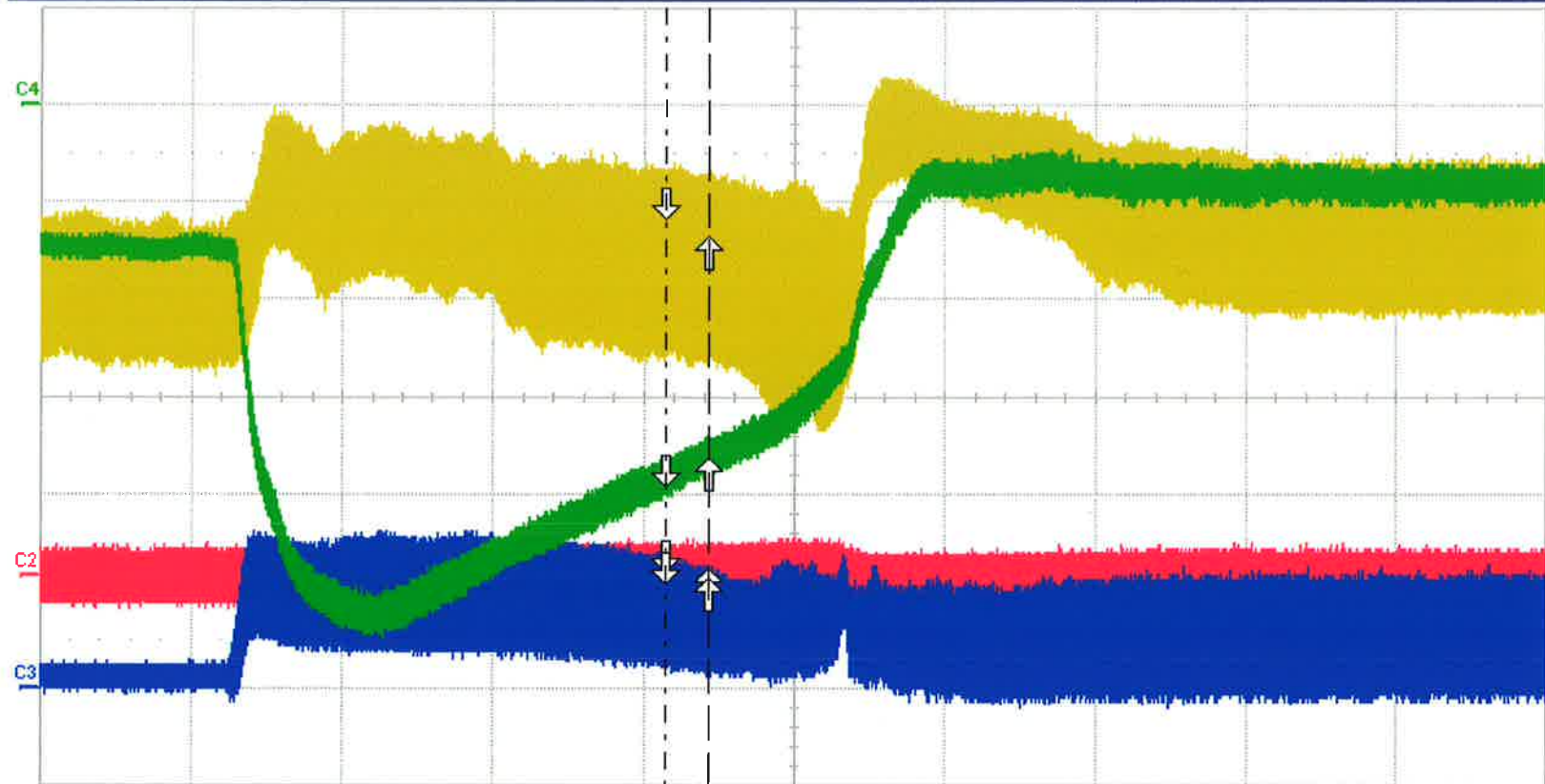
C1	D1	C2	D1	C4	F3	F3 script(...)	F4	XY	XF1	Z4	zoom(...)
200 mV	200 mV	200 mV	2.00 V	2.00	200 mV	400e-3	500 ps/div	Normal	1.00 V	2.50 kS	500 kS/s
38 mV	-16 mV	0 mV	500 ps	20 #	200 mV	50.0 ps	20 #	Edge	Negative		

LeCroy

Tbase	-2.00 ms	Trigger	C4 DC
500 ps/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

11/11/2019 10:38:20 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure
value
status

P1:mean(C1)
-272.3 mV ✓

P2:pkpk(C2)
656 mV ✓

P3:pkpk(C3)
141 V ✓

P4:mean(C3)
51.3 V ✓

P5:mean(C4)
-80.5 V ✓

P6:---

C1	C2	C3	C4
DCIM	DCIM	DCIM	DCIM
200 mV/div	1.00 V/div	100 V/div	100 V/div
600.0 mV ofst	-1.840 V ofst	-300.0 V ofst	299.0 V offset
↓ -470.5 mV	↓ -254 mV	↓ 39.3 V	↓ -369.2 V
↑ -326.8 mV	↑ 41 mV	↑ 35.3 V	↑ -364.6 V
Δy 143.7 mV	Δy 295 mV	Δy -4.0 V	Δy 24.8 V

Timebase	-400 μs	Trigger	Ext/IO DC
1.00 MS	100 μs/div	Normal	200 mV
	1.0 GS/s	Edge	Positive

X1= 314.260 μs ΔX= 29.060 μs
X2= 343.320 μs 1/ΔX= 34.412 kHz

LeCroy

11/11/2019 10:41:06 AM

11-Nov-19
10:41:55

1
.5 ms
0.50 V

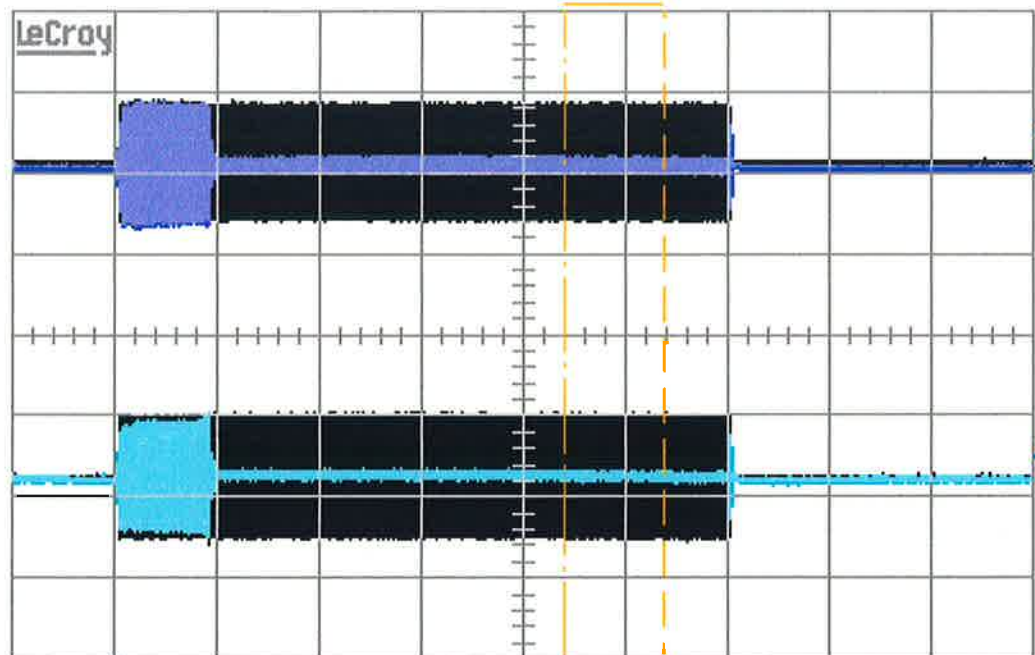
2
.5 ms
200mV

3
.5 ms
0.50 V

4
.5 ms
200mV

.5 ms

1 .5 V AC
2 .2 V AC
3 .5 V AC
4 .2 V AC



20 sweeps:

	average	low	high	sigma
rms(1)	248.3mV	246.8	249.7	0.8
rms(2)	14.9mV	14.1	15.7	0.5
rms(3)	265.2mV	264.0	266.3	0.7
rms(4)	10.8mV	8.9	12.3	0.9
phase(1,3)	60.4 °	-133.7	220.4	39.6

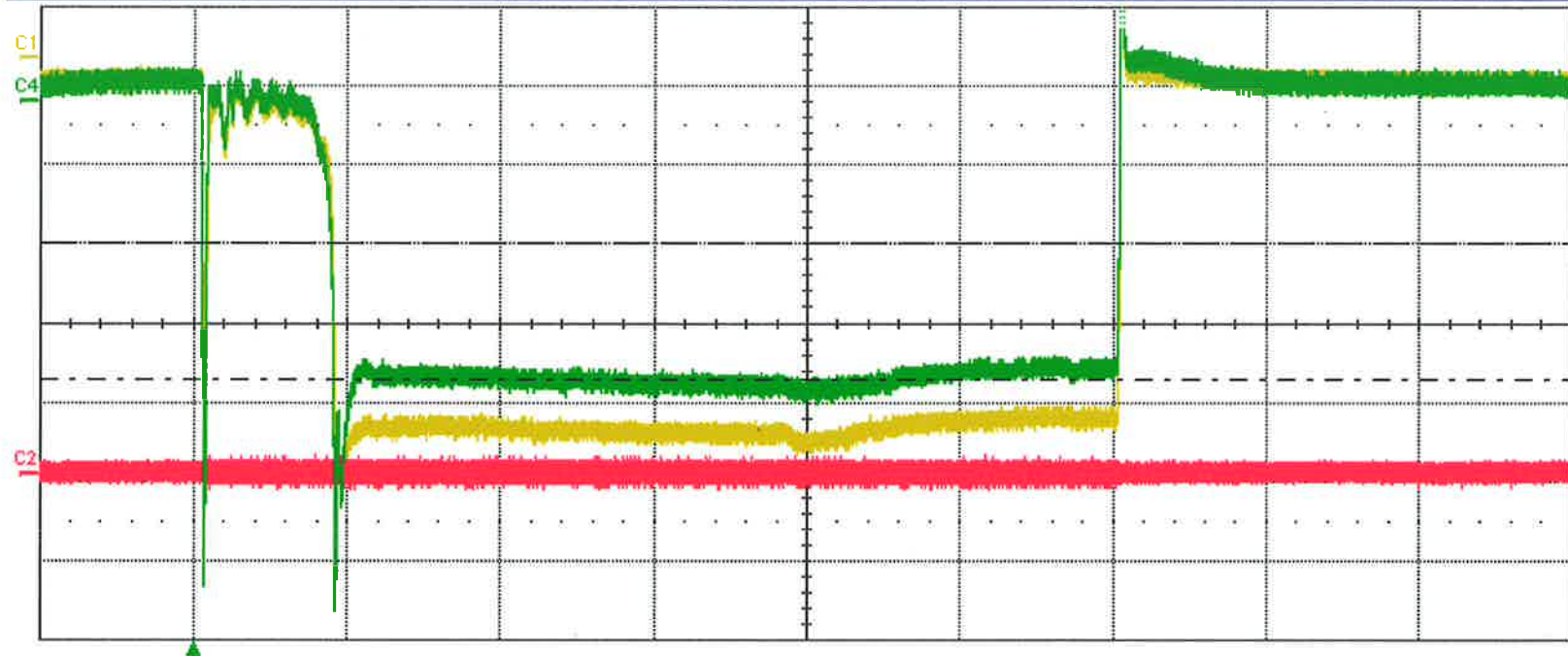


Ext10 DC 0.60 V 1MΩ

20 MS/s

☐ NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



Measure	P1:mean(Z1)	P2:mean(Z4)	P3:mean(C1)	P4:mean(C4)	P5:phase(C1,C4)	P6:---
value	-48.40 mV	-36.53 mV	-47.36 mV	-35.66 mV	---	---
mean	-46.1221 mV	-34.4535 mV	-46.1169 mV	-34.4096 mV	---	---
min	-48.40 mV	-36.53 mV	-47.36 mV	-35.71 mV	---	---
max	-44.90 mV	-33.08 mV	-45.07 mV	-33.16 mV	---	---
sdev	896.8 μ V	924.8 μ V	776.7 μ V	792.8 μ V	---	---
num	24	24	24	24	0	---
status	✓	✓	✓	✓	---	---

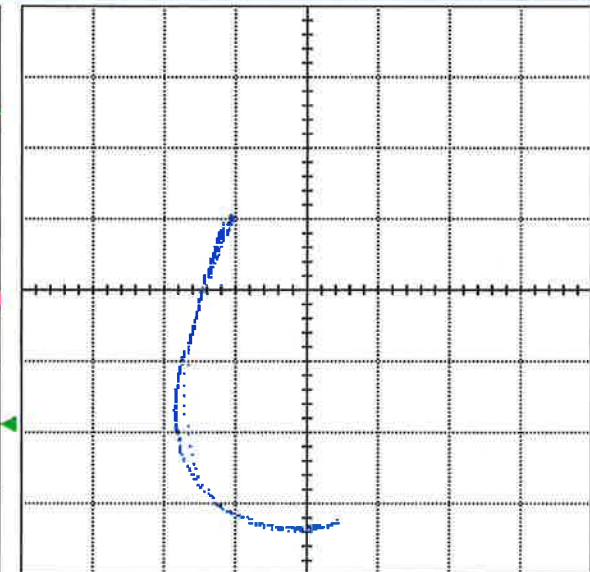
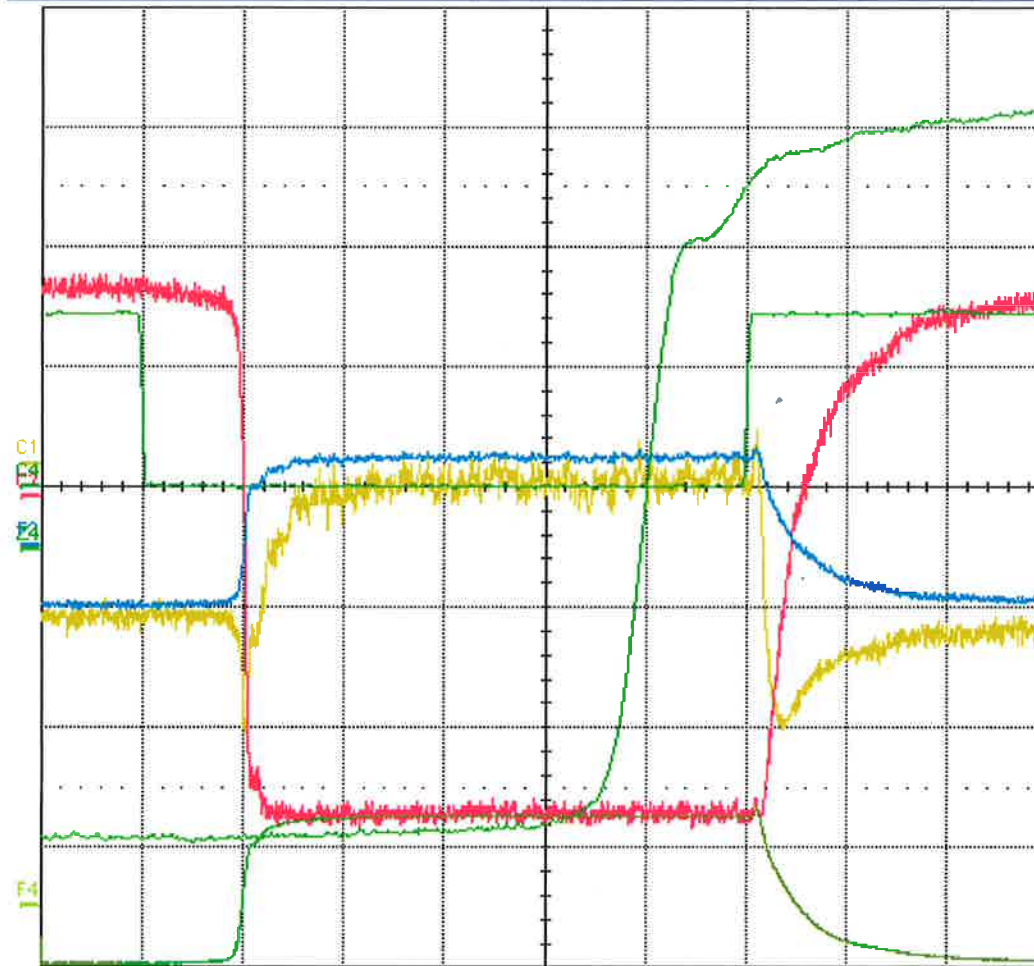
C1	C2	C4
DCIM	DCIM	DCIM
10.0 mV/div	1.00 V/div	10.0 mV/div
33.50 mV ofst	-1.890 V ofst	28.00 mV ofst
---- -40.5 mV	---- 1.19 V	---- -35.0 mV
---- -23.5 mV	---- 2.89 V	---- -18.0 mV
Δy 17.0 mV	Δy 1.70 V	Δy 17.0 mV

Timebase	-2.00 ms	Trigger	Ext/IO DC
	500 μ s/div	Normal	200 mV
1.00 MS	200 MS/s	Edge	Negative

LeCroy

11/11/2019 10:41:44 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



C1	D1	C2	D1	C4	F1 D1	F3 script(...)	F4	<F3>	XY	XFL	Z4 zoom(...)
200 mV	200 mV	200 mV	200 mV	2.00 V	2.00	2.00	2.00	2.00	200 mV	200 mV	400e-3
38 mV	-16 mV	0 mV	500 μ s	0 mV	500 μ s	500 μ s	30 #	30 #	30 #	30 #	100 μ s

LeCroy

Tbase	-2.00 ms	Trigger	C4 D0
500 μ s/div	Normal	1.00 V	
2.50 kS	500 kS/s	Edge	Negative

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