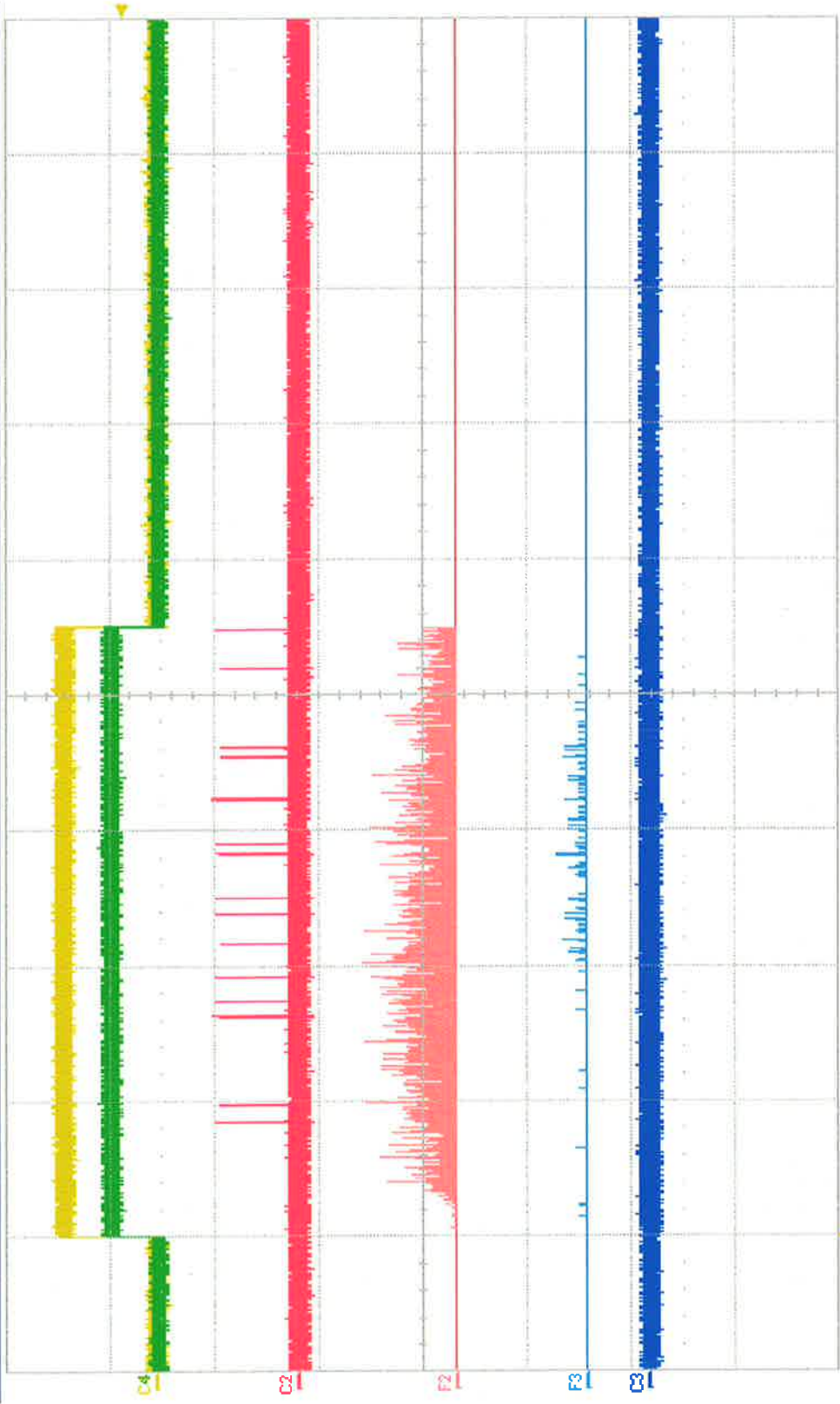


C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
Δy	Δy	Δy	Δy	Δy	Δy
-2.90 mV	-2.90 mV	2.41 mV	2.41 mV	3.1897 mV	3.1897 mV
-21.49 mV	-21.49 mV	-9.57 mV	-9.57 mV	-8.8352 mV	-8.8352 mV
-18.59 mV	-18.59 mV	-11.98 mV	-11.98 mV	-13.0259 mV	-13.0259 mV

Timebase	-2.00 ms	Trigger	Ext/10	DC
1.00 ms/div	1.00 ms/div	Normal	700 mV	Negative
2.00 MS	200 MS/s	Edge		
X1=	-1.623375 ms	ΔX=	4.961000 ms	
X2=	3.337625 ms	1/ΔX=	201.5723 Hz	

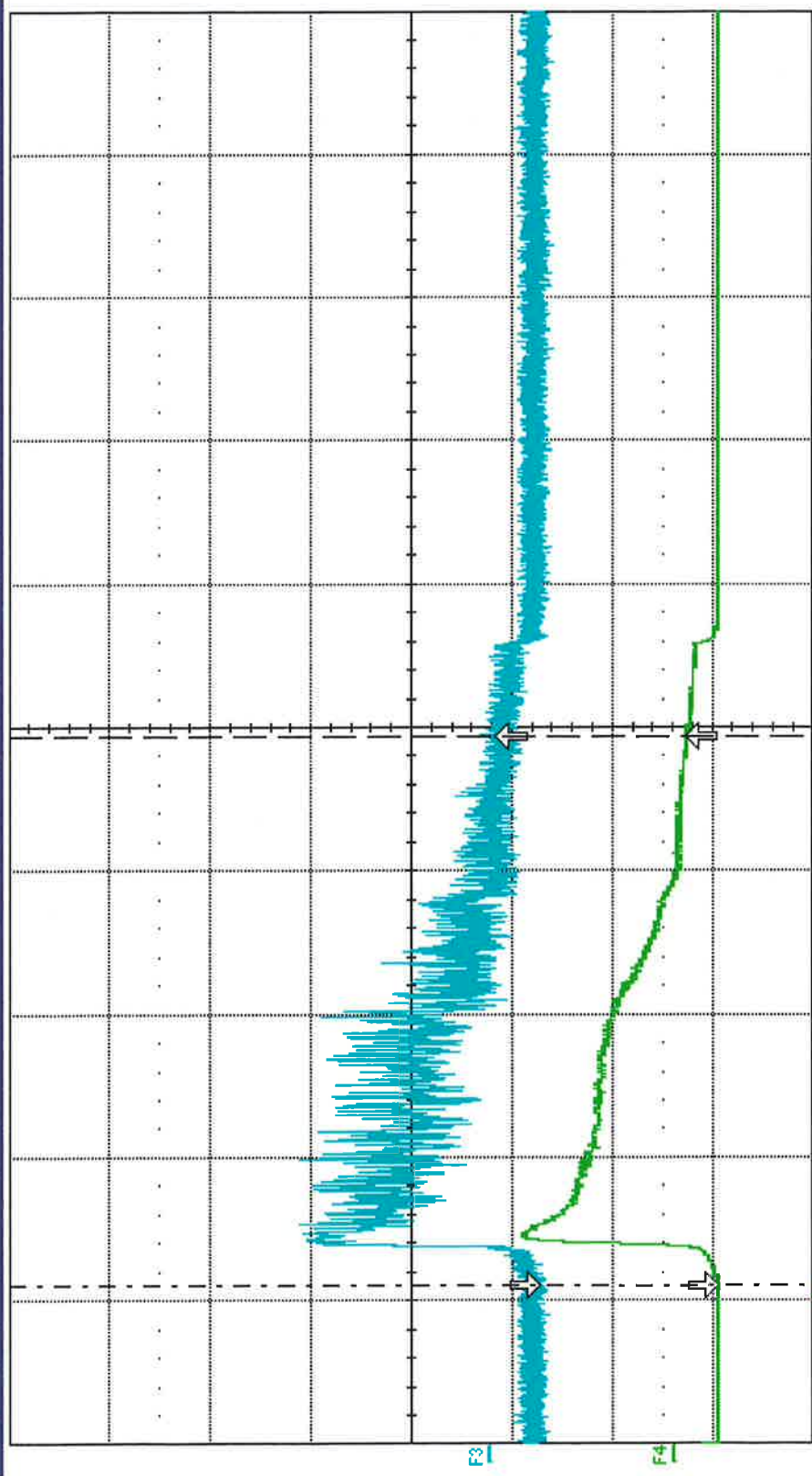


Thase -4.00 ms
1.00 ms/div
500 kS
Trigger 6100
Normal 1.55 V
Edge Positive

C1 5.00 V 12.70 V
C2 5.00 V 5.95 V
C3 5.00 V -11.0 V
C4 10.0 V 25.30 V
F2 peris... 50.0 # 1.0 ms 8.71 k#
F3 peris... 50.0 # 1.0 ms 609 #

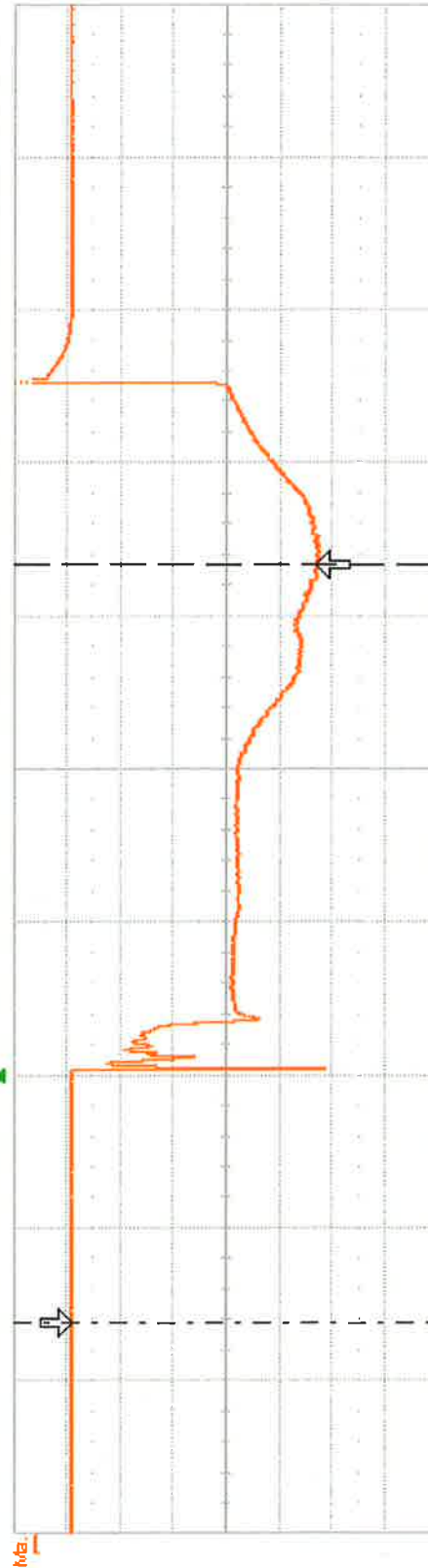
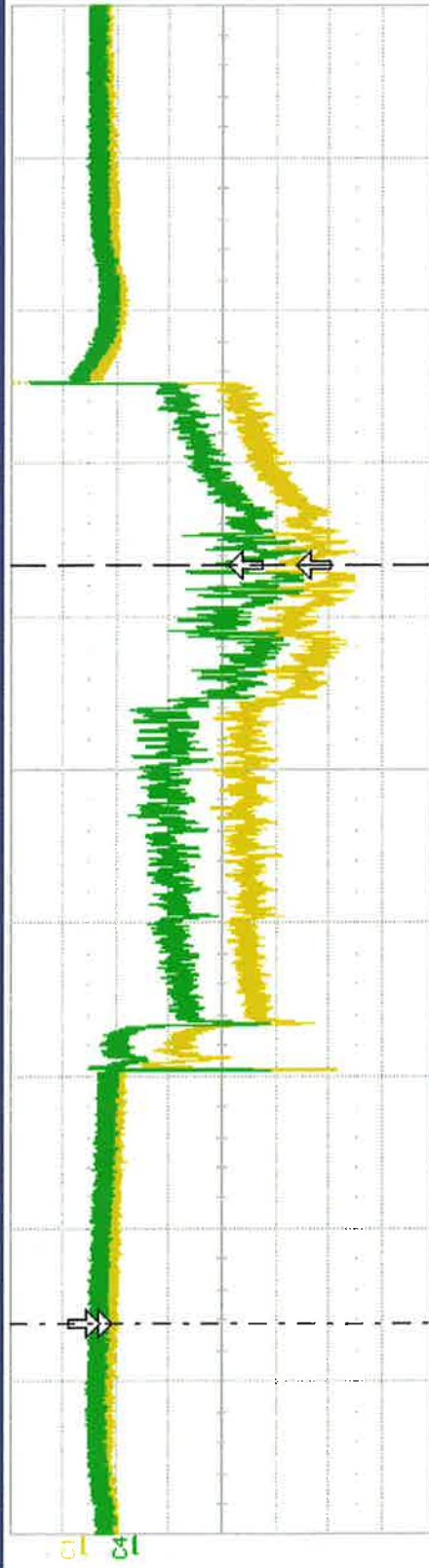
TELEDYNE LECROY

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Tbase -3.96 ms Trigger Ext10 DC
 WStream 1.00 ms Normal 30 mV
 50.0 kS 5.0 MS/s Edge Negative
 X1= 63.6 μ s Δ X= 3.8298 ms
 X2= 3.8934 ms 1/ Δ X= 261.11 Hz

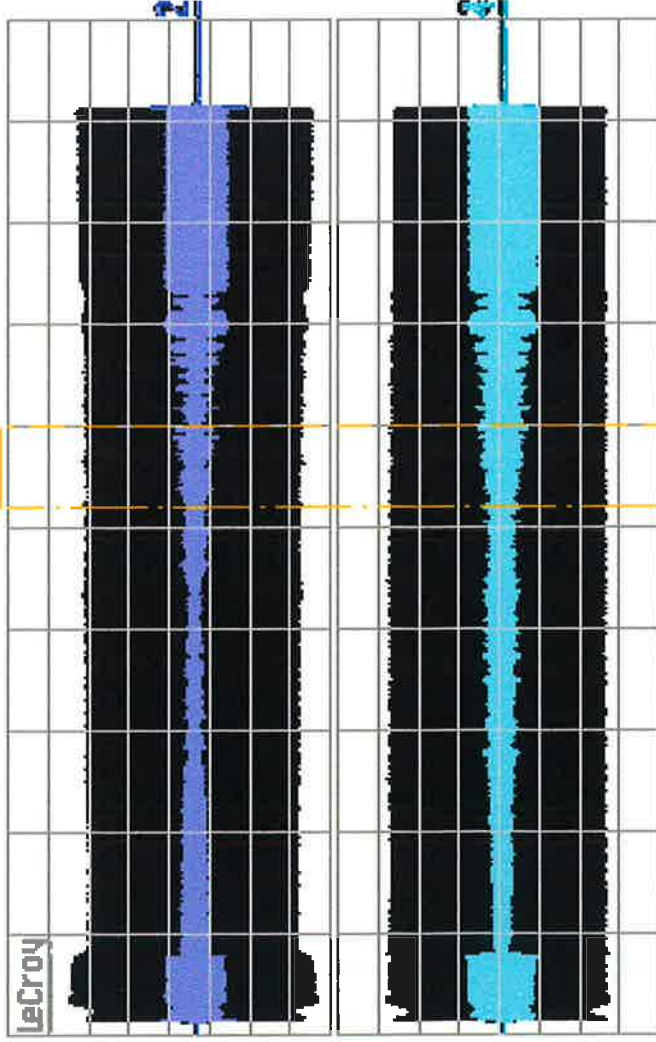
F3 script(C3,C2) F4 <F3>
 1.00/div 1.00/div
 1.00 ms/div 1.00 ms/div
 290 #
 1 -4938-3 1 -428.78e-3
 1 -80e-3 1 -126.45e-3
 Δ y 413e-3 Δ y 302.33e-3



C1	DCIM	C4	DCIM	Math	<C1>
↑	5.00 mV/div	5.00 mV/div	4.00 mV/div	1	2.5476 mV
↑	13.00 mV/div	8.00 mV/div	1.00 mV/div	1	21.1831 mV
ΔV				ΔV	16.6355 mV

Timebase	-2.00 ms	Trigger	Ext/D [DC]
	1.00 ms/div	Normal	700 mV
	2.00 MS	Edge	Negative
		$\Delta X =$	4.961000 ms
		$1/\Delta X =$	201.5723 Hz

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308 sweeps:					
	rms(1)	average	low	high	sigma
		377.5mV	370.9	383.6	2.6
	rms(2)	42.9mV	31.9	55.8	4.1
	rms(3)	370.5mV	367.5	373.6	1.3
	rms(4)	61.1mV	52.1	71.1	3.6
	phase(1,3)	79 °	76	84	1

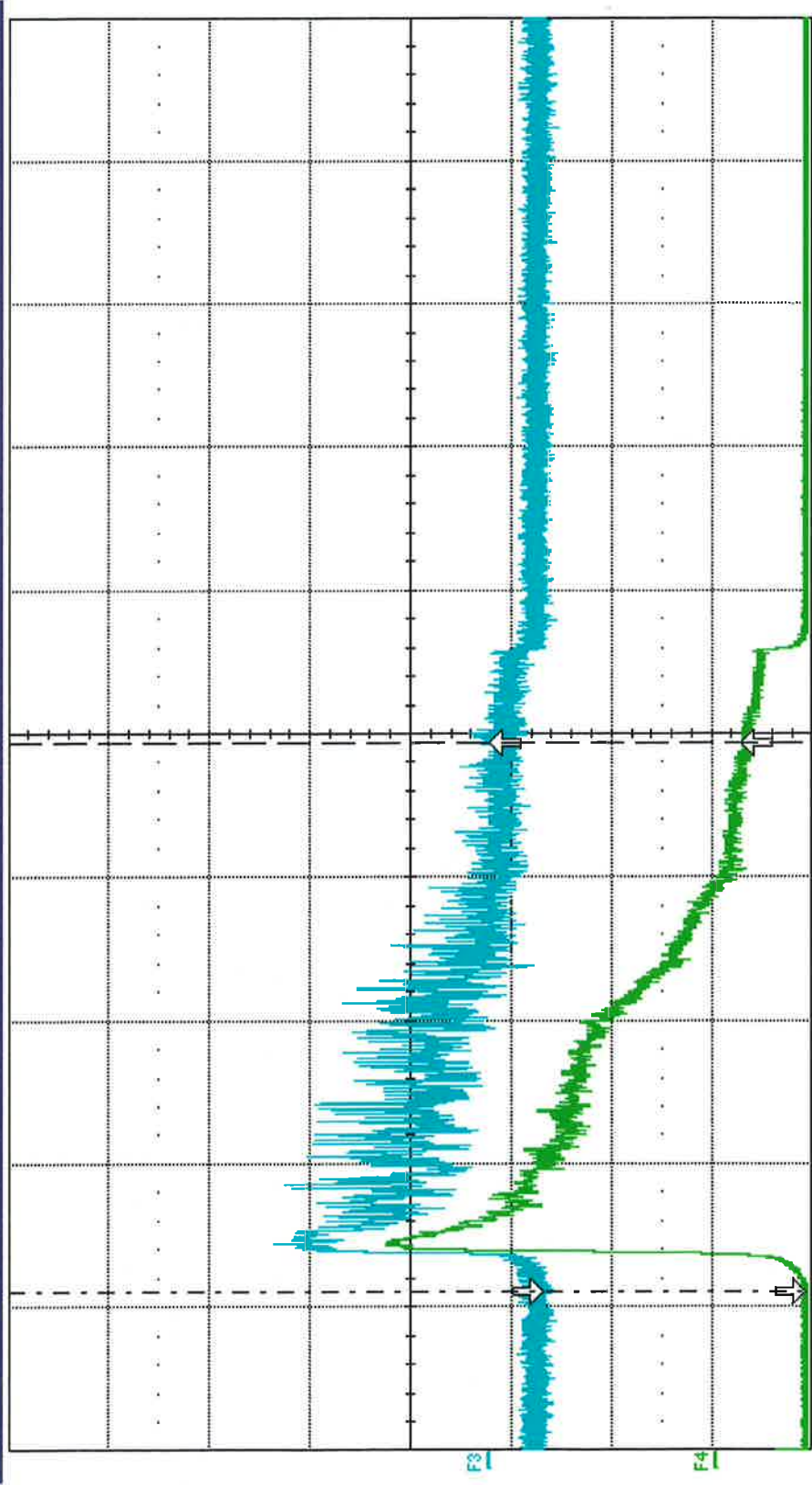
.5 ms

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

20 MS/s

Ext10 DC 0.15 V 50Ω

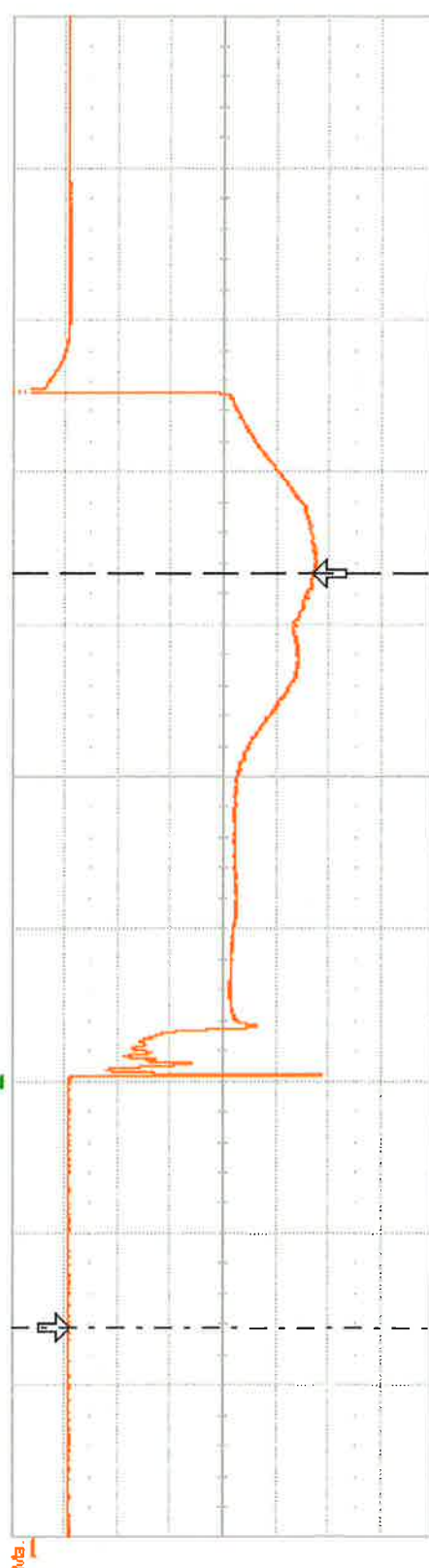
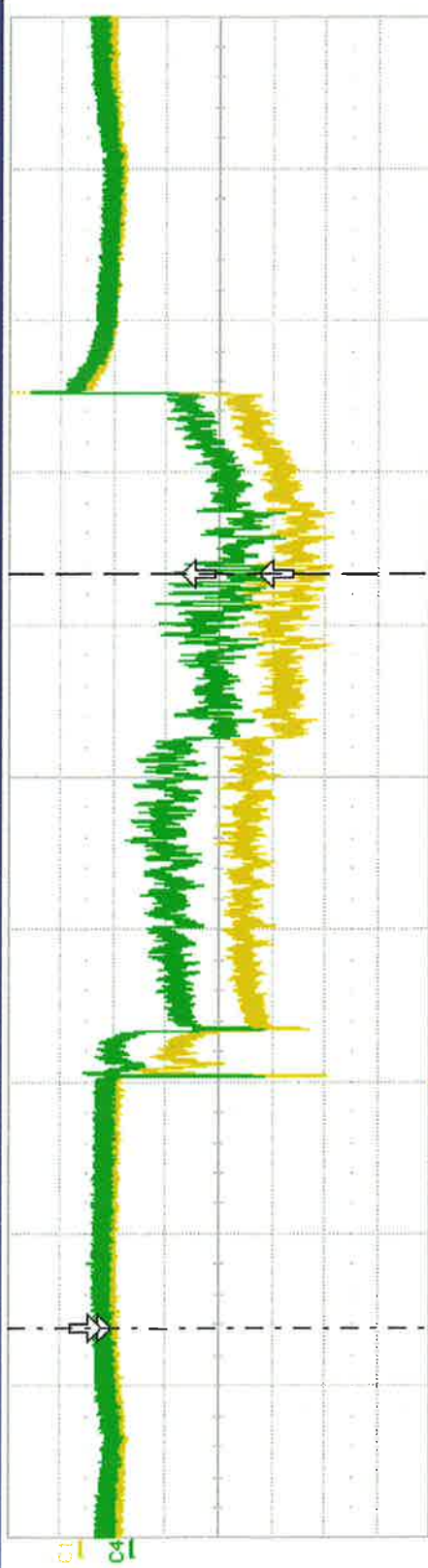
☐ NORMAL



F3 script(C3,C2)
 1.00div
 1.00 ms/div
 Δy 522e-3
 Δx 24e-3
 Δy 498e-3

F4
 <F3>
 500e-3/div
 1.00 ms/div
 67#
 -438.56e-3
 -137.37e-3
 Δy 301.18e-3

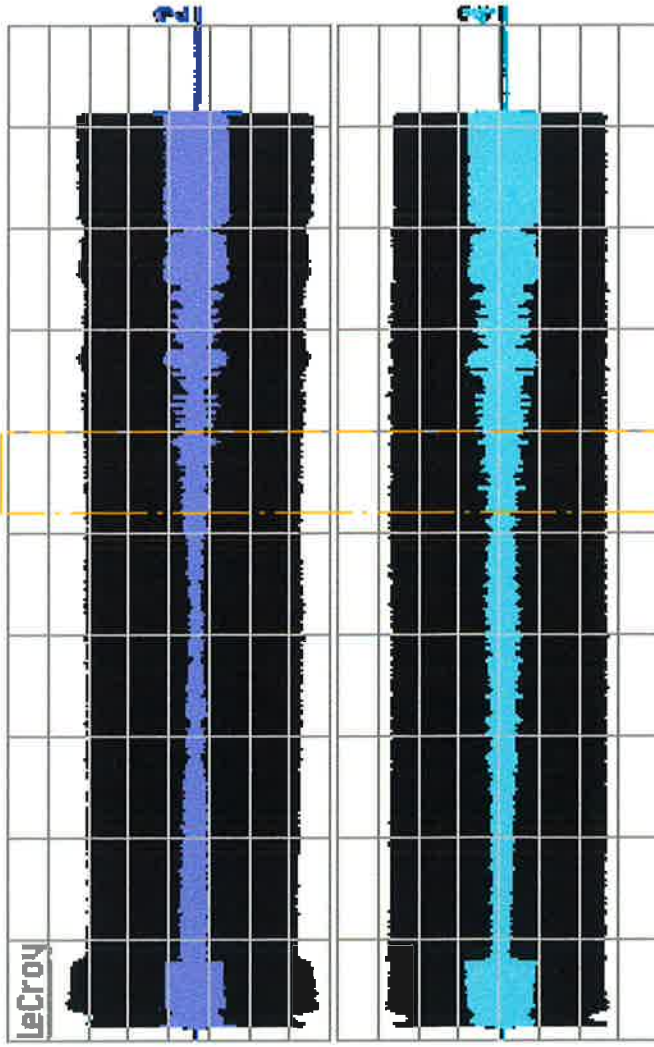
Tbase -3.96 ms TriggerExt10 DC
 WStream 1.00 ms Normal 30 mV
 50.0 kS 5.0 MS/s Edge Negative
 X1= 63.6 μs ΔX= 3.8298 ms
 X2= 3.8934 ms 1/X= 261.11 Hz



C1	DCIM	C4	DCIM	Math	<C1>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 ms/div	1.00 ms/div
↑	↑	↑	↑	554 #	554 #
-2.64 mV	-2.64 mV	3.32 mV	3.32 mV	-2.6464 mV	-2.6464 mV
↑	↑	↑	↑	-21.0959 mV	-21.0959 mV
Δy	Δy	Δy	Δy	-18.5464 mV	-18.5464 mV

Timebase	-2.00 ms	Trigger	Ext/IO	DC
1.00 ms/div	Normal	Edge	700 mV	Negative
2.00 MS	200 MS/s			
X1=	-1.623375 ms	ΔX=	4.961000 ms	
X2=	3.337625 ms	1/ΔX=	201.5723 Hz	

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1
.5 ms
200 mV

2
.5 ms
200 mV

3
.5 ms
200 mV

4
.5 ms
200 mV

.5 ms

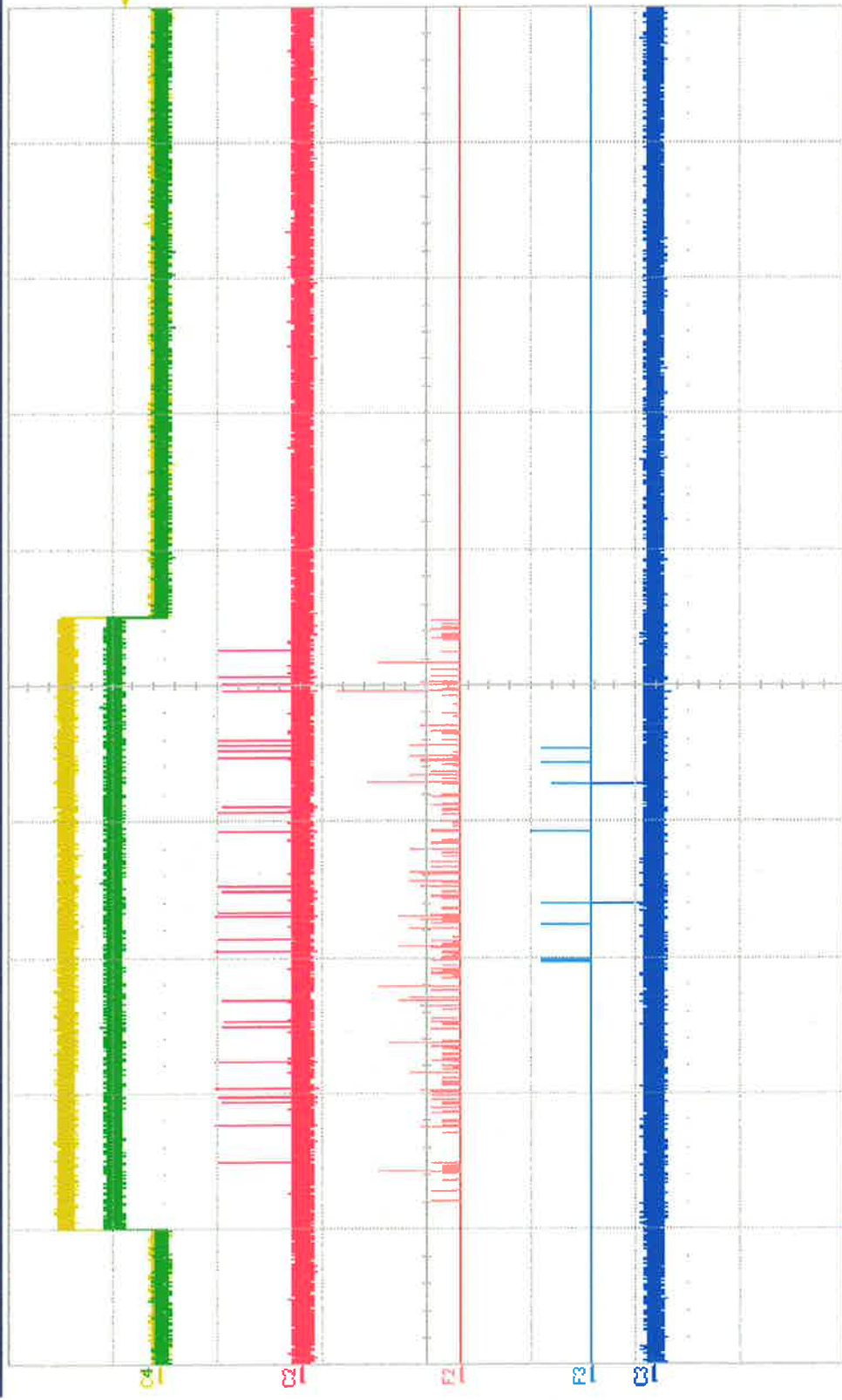
1 .2 V AC
2 .2 V AC
3 .2 V AC
4 .2 V AC

632 sweeps:					
rms(1)	average	low	high	sigma	
rms(2)	377.9mV	370.9	384.3	2.5	
rms(3)	43.2mV	31.9	55.8	4.0	
rms(4)	370.5mV	367.5	373.8	1.3	
phase(1,3)	60.4mV	50.9	71.1	3.6	
	79 °	75	84	1	

20 MS/s

Ext10 DC 0.15 V 50Ω

☐ NORMAL

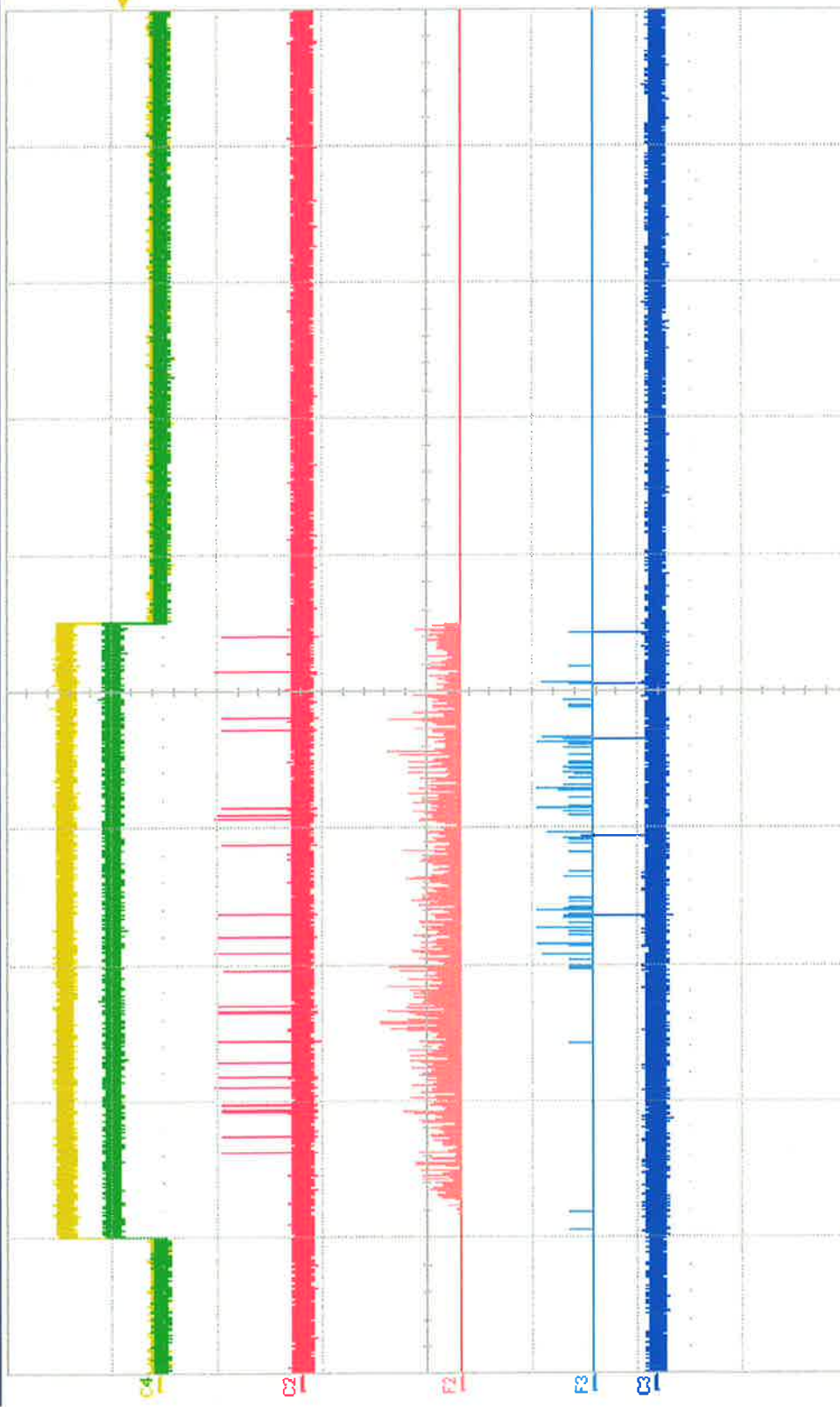


Thase -4.00 ms Trigger C100
1.00 mV/div Normal 1.85 V
500 kS 50 mS/s Edge Positive

C1 01 5.00 V 12.70 V
C2 02 5.00 V 5.95 V
C3 03 5.00 V -11.0 V
C4 04 10.0 V 25.30 V
F2 peris... 10.0 # 1.0 ms 457 #
F3 peris... 10.0 # 1.0 ms 46 #

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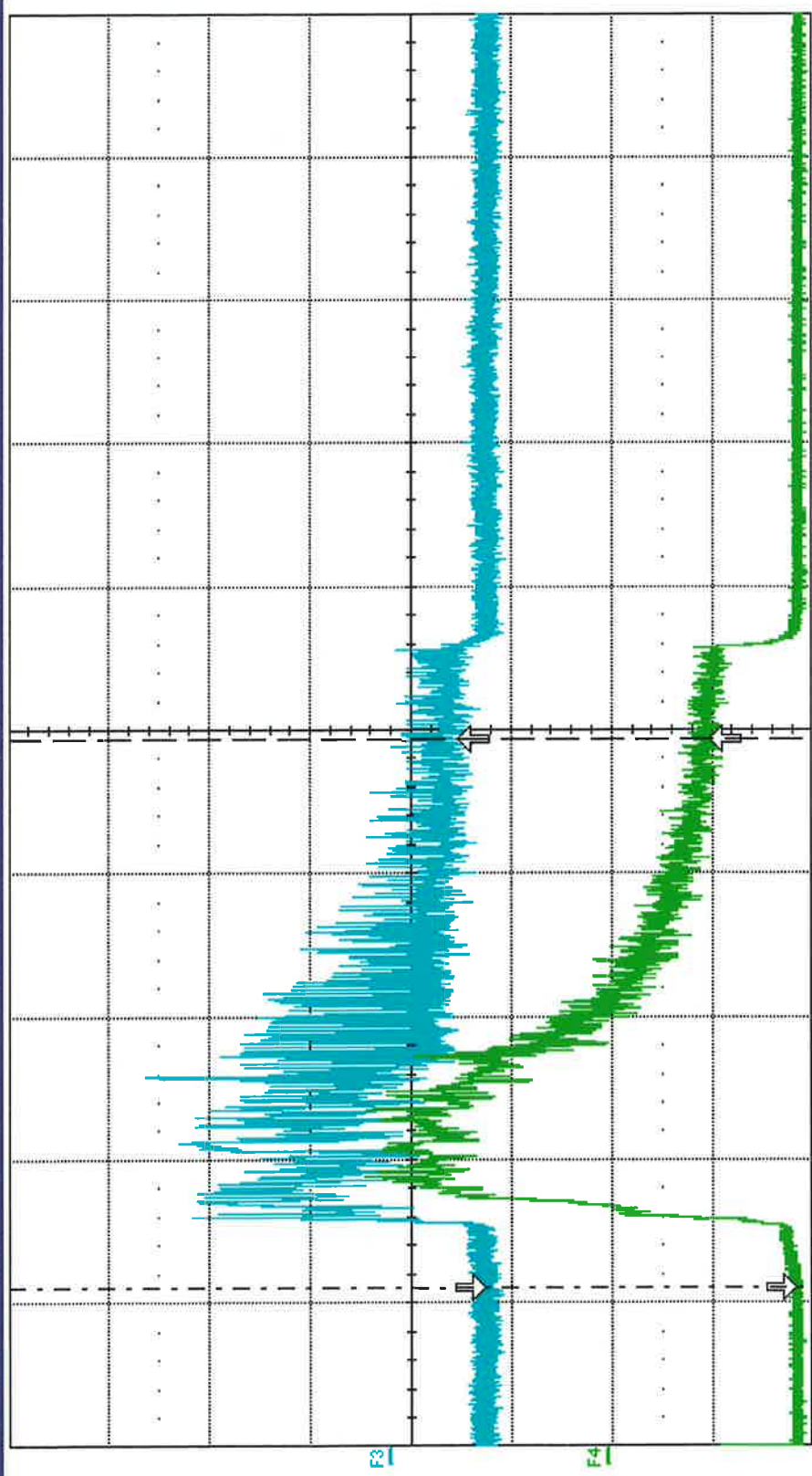


Timebase -4.00 ms
 1.00 ms/div
 500 kS
 Trigger Normal
 Edge Positive
 1.85 V
 50 mS/s

C1 5.00 V 12.70 V
 C2 5.00 V 6.95 V
 C3 5.00 V -11.0 V
 C4 10.0 V 25.30 V
 F2 peris... 50.0 # 1.0 ms 5.74 k#
 F3 peris... 20.0 # 1.0 ms 372 #

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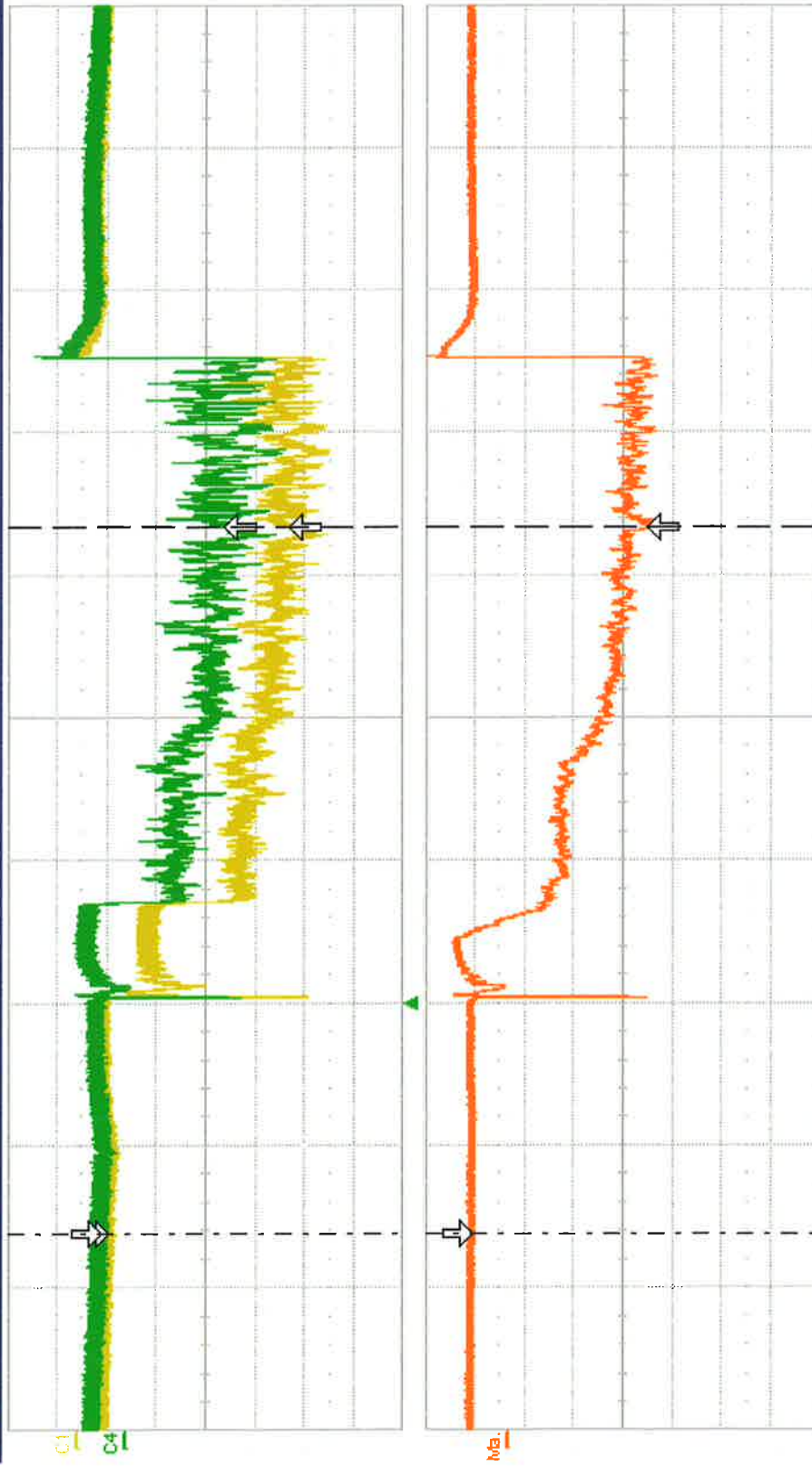
F3 script(C3,C2) **F4** **<F3>**

1.00/div	500e-3/div	1.00/div
1.00 ms/div	1.00 ms/div	1.00 ms/div
↓ -925e-3	21 #	↓ -929.97e-3
↑ -688e-3		↑ -510.97e-3
Δy 230e-3		Δy 419.01e-3

Tbase **-3.96 ms** **Trigger** **Ext10** **DC**

WStream	1.00 ms	Normal	30 mV
50.0 kS	5.0 MS/s	Edge	Negative

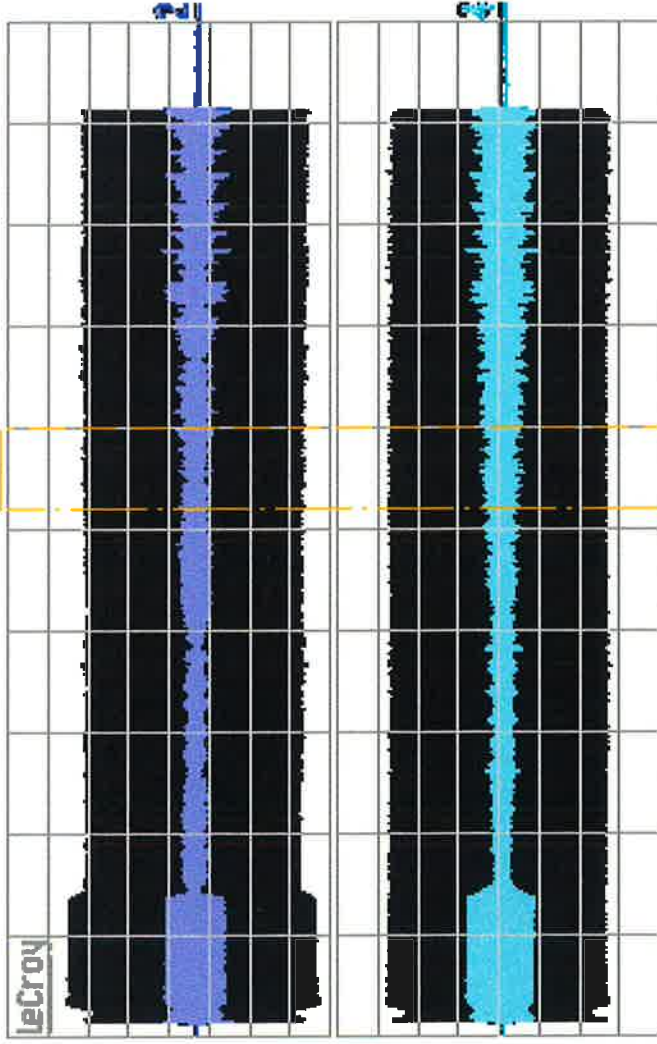
X1= 63.6 μ s ΔX= 3.8298 ms
X2= 3.8934 ms 1ΔX= 261.11 Hz



C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
↓	↓	↓	↓	12 #	12 #
↑	↑	↑	↑	3.0159 mV	3.0159 mV
ΔV	ΔV	ΔV	ΔV	-11.3855 mV	-11.3855 mV
				-14.4015 mV	-14.4015 mV

Timebase	-2.00 ms	Trigger	Ext/IO	DC
1.00 ms/div	1.00 ms/div	Normal	700 mV	
2.00 MS	200 MS/s	Edge	Negative	
X1=	-1.623375 ms	ΔX=	4.961000 ms	
X2=	3.337625 ms	1/ΔX=	201.5723 Hz	

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96 sweeps:					
rms(1)	average	low	high	sigma	
rms(2)	381.4mV	375.8	386.8	2.0	
rms(3)	44.7mV	37.6	51.1	2.9	
rms(4)	372.4mV	369.8	375.4	1.4	
phase(1,3)	55.8mV	47.6	63.2	3.4	
	78°	75	83	1	

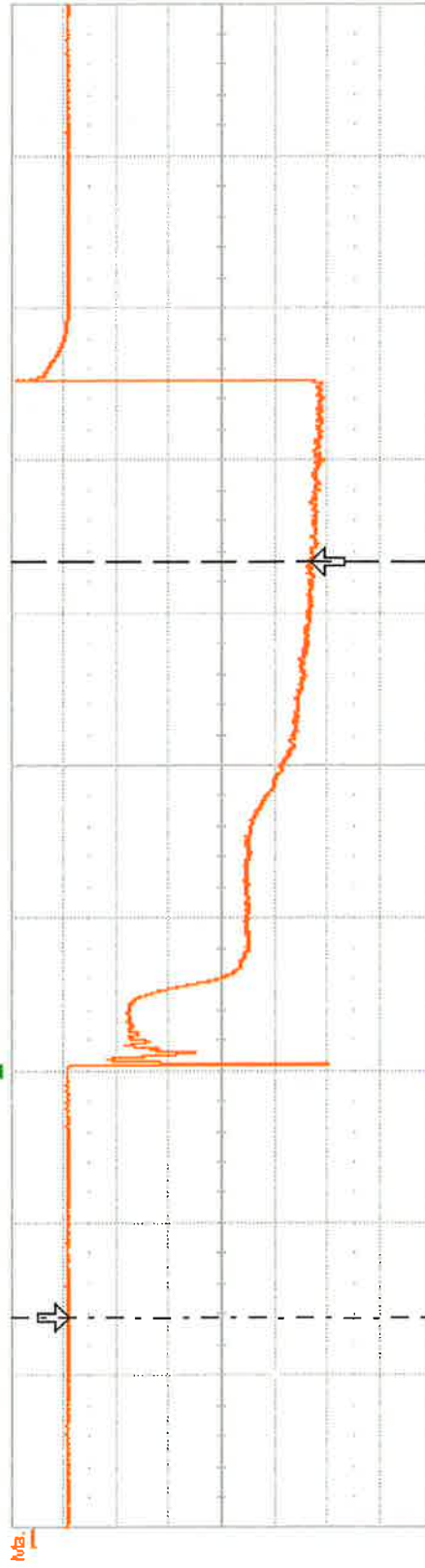
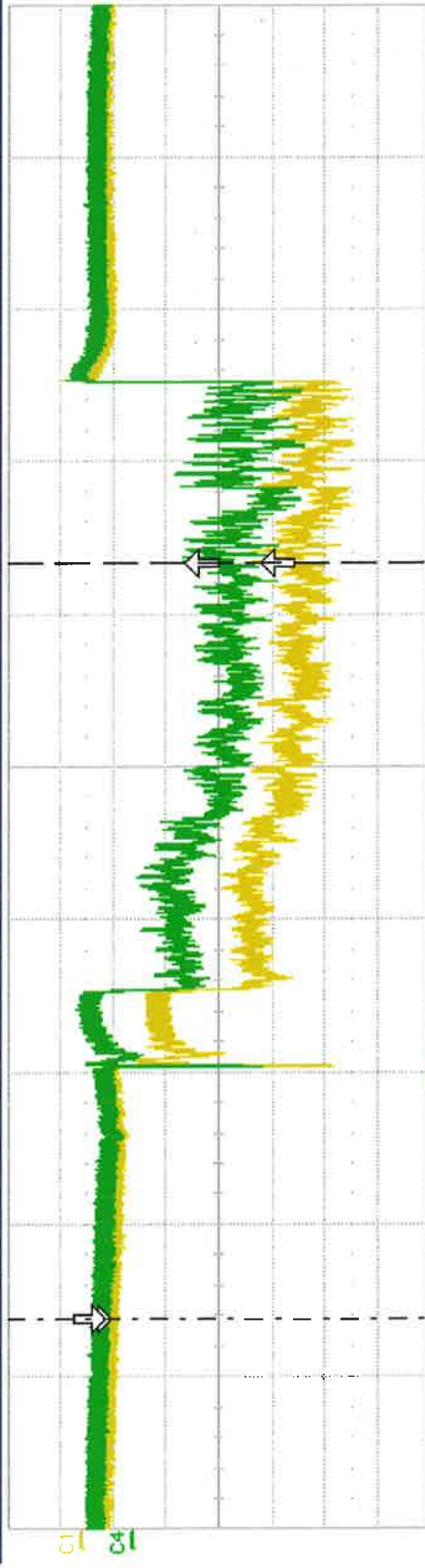
.5 ms

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

20 MS/s

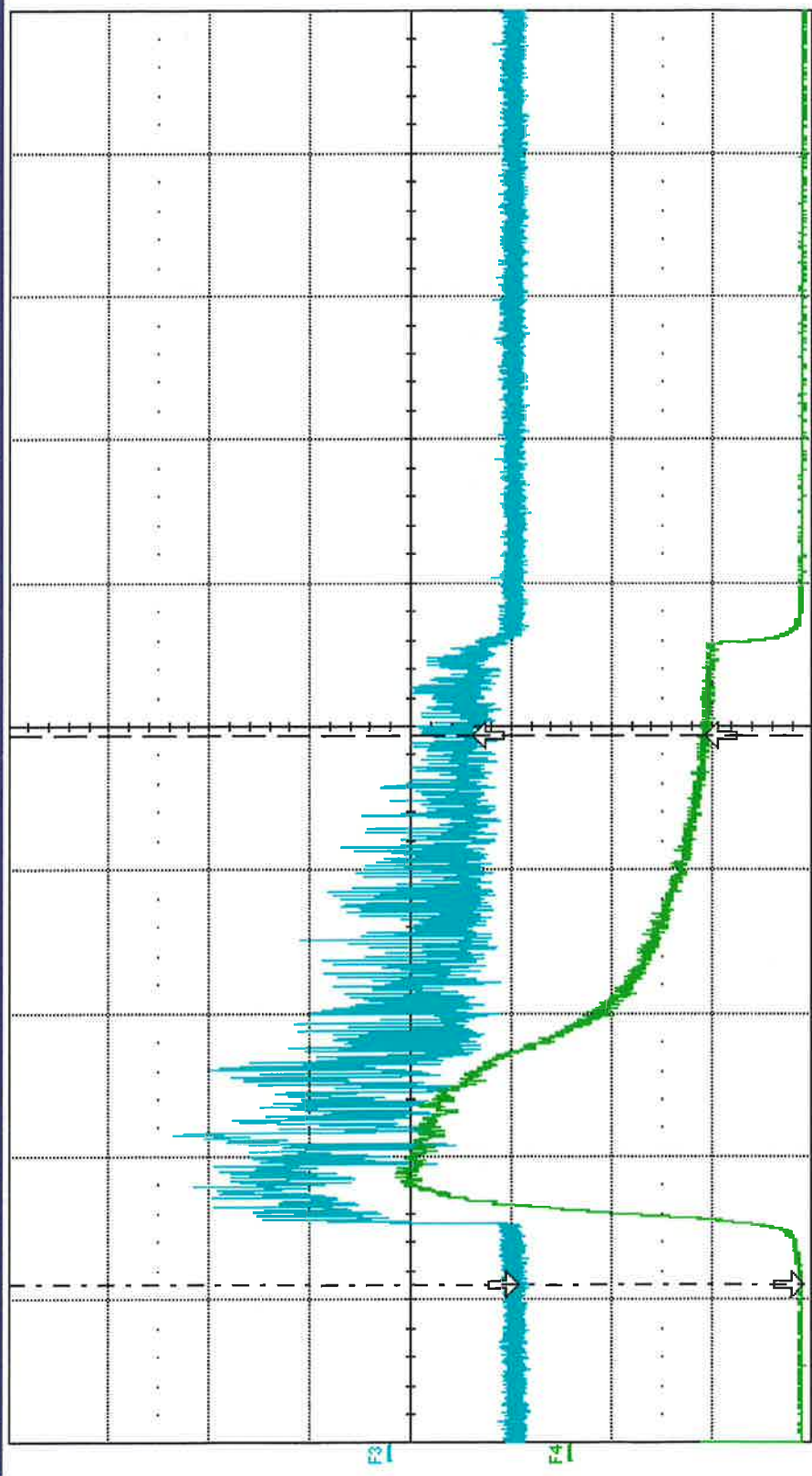
Ext10 DC 0.15 V 50Ω

☐ NORMAL



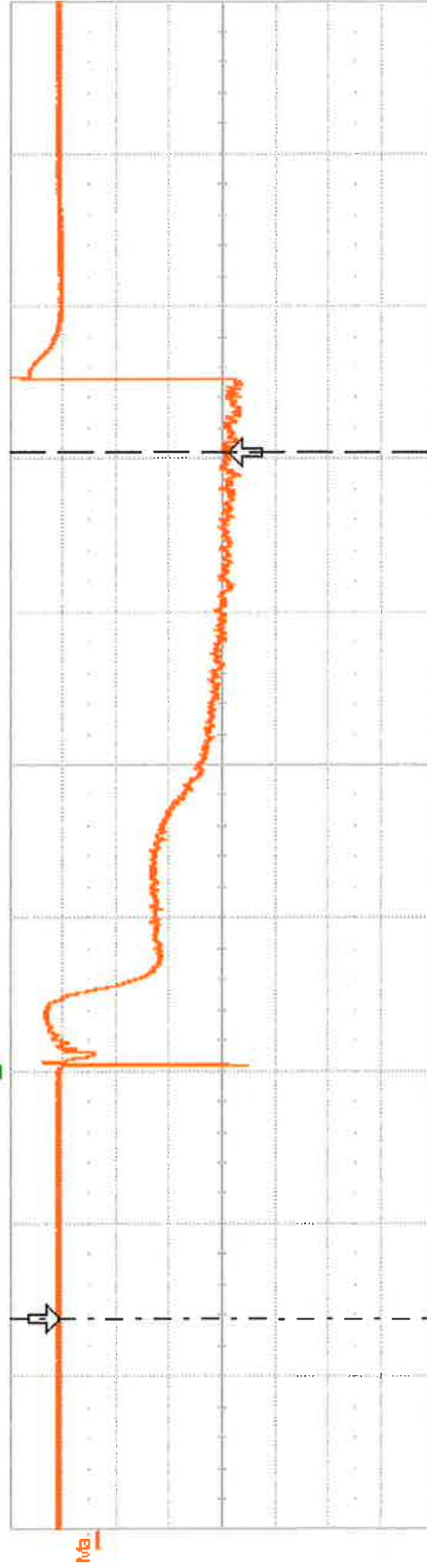
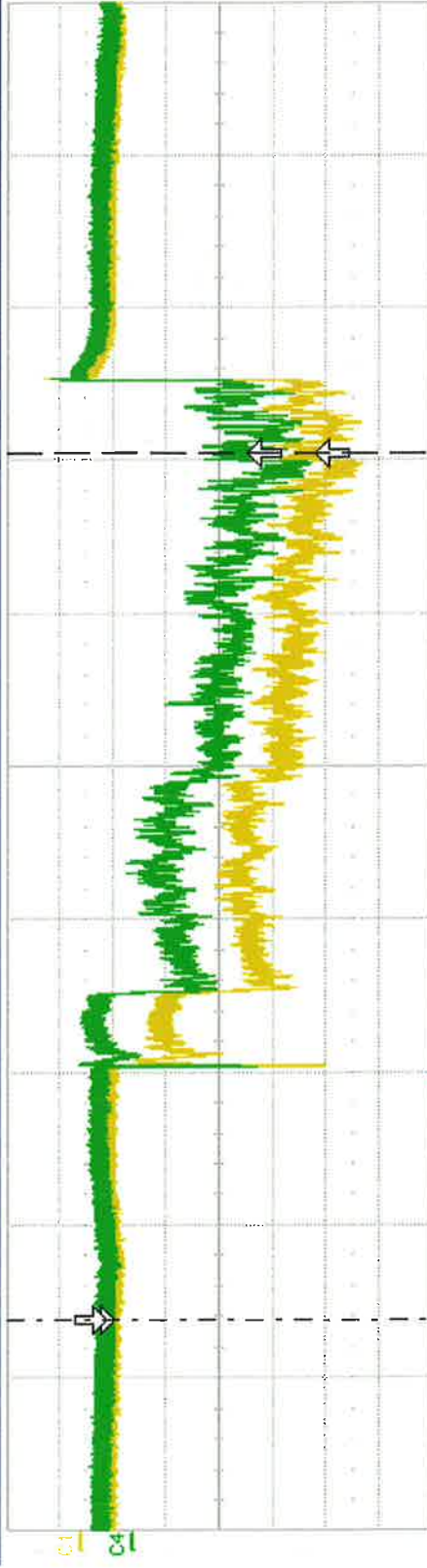
C1	DCIM	C4	DCIM	Math	<C1>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
↑	↑	↑	↑	132 #	132 #
-3.47 mV	2.88 mV	2.88 mV	2.88 mV	-2.5943 mV	-2.5943 mV
-21.90 mV	-4.95 mV	-4.95 mV	-4.95 mV	-21.1243 mV	-21.1243 mV
ΔV	ΔV	ΔV	ΔV	ΔV	ΔV
-18.43 mV	-7.81 mV	-7.81 mV	-7.81 mV	-18.5301 mV	-18.5301 mV

Timebase	-2.00 ms	Trigger	Edge	700 mV	DC
1.00 ms/div	Normal	Edge	700 mV	DC	DC
2.00 mS	200 mS/s	Edge	700 mV	DC	DC
X1=	-1.623375 ms	ΔX=	4.961000 ms		
X2=	3.337625 ms	1/ΔX=	201.5723 Hz		



Tbase -3.96 ms
WStream 1.00 ms
50.0 kS 5.0 MS/s
TriggerExtIO DC
Normal 30 mV
Edge Negative
X1= 63.6 μ s **Δ X=** 3.8298 ms
X2= 3.8934 ms **$1/\Delta$ X=** 261.11 Hz

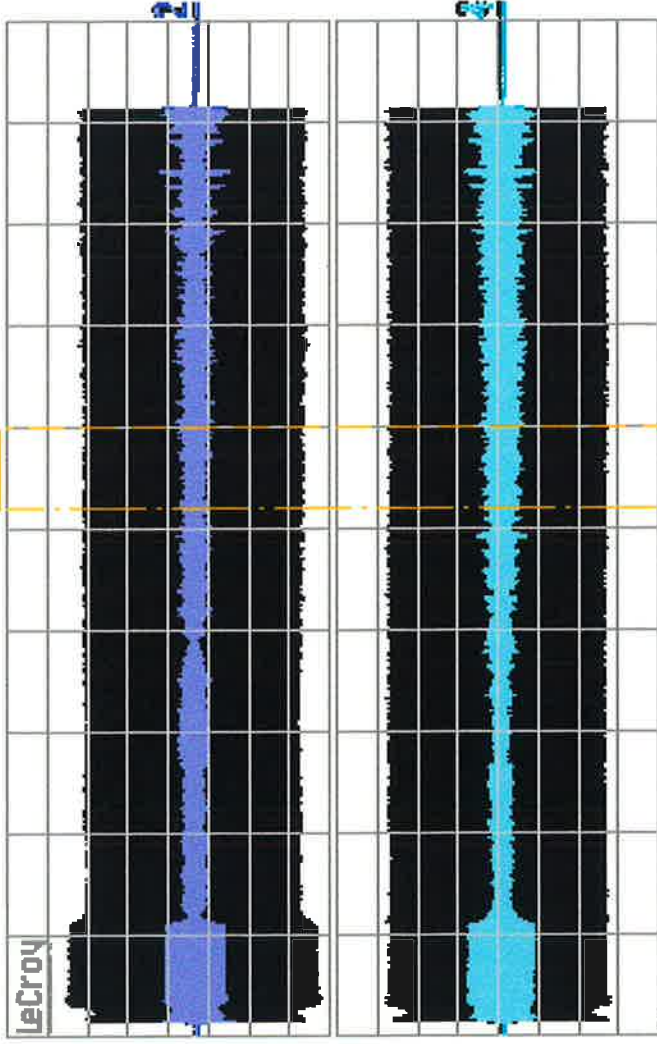
F3 script(C3,C2)
 1.00/div
 1.00 ms/div
F4 <F3>
 500e-3/div
 1.00 ms/div
 248 #
 -1.14206
 -673.63e-3
 -1.260
 -837e-3
 423e-3
 468.44e-3



C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 ms/div	1.00 ms/div
↑	↑	↑	↑	SS #	SS #
-2.59 mV	-2.59 mV	3.15 mV	3.15 mV	3.0855 mV	3.0855 mV
↑	↑	↑	↑	9.8530 mV	9.8530 mV
-17.74 mV	-17.74 mV	-7.95 mV	-7.95 mV	Δy	Δy
-15.16 mV	-15.16 mV				

Timebase	-2.00 ms	Trigger	Normal	Edge	700 mV	Negative
1.00 ms/div	1.00 ms/div	Normal	Normal	Edge	700 mV	Negative
2.00 MS	2.00 MS	200 MS/s	200 MS/s	Edge	700 mV	Negative
X1=	-1.623375 ms	ΔX=	5.665050 ms			
X2=	4.041675 ms	1/ΔX=	176.5209 Hz			

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289 sweeps:					
	average	low	high	sigma	
rms(1)	382.2mV	375.8	388.3	2.1	
rms(2)	44.2mV	36.8	51.1	2.7	
rms(3)	372.8mV	369.8	376.4	1.4	
rms(4)	55.1mV	47.2	63.2	3.0	
phase(1,3)	78 °	75	83	1	

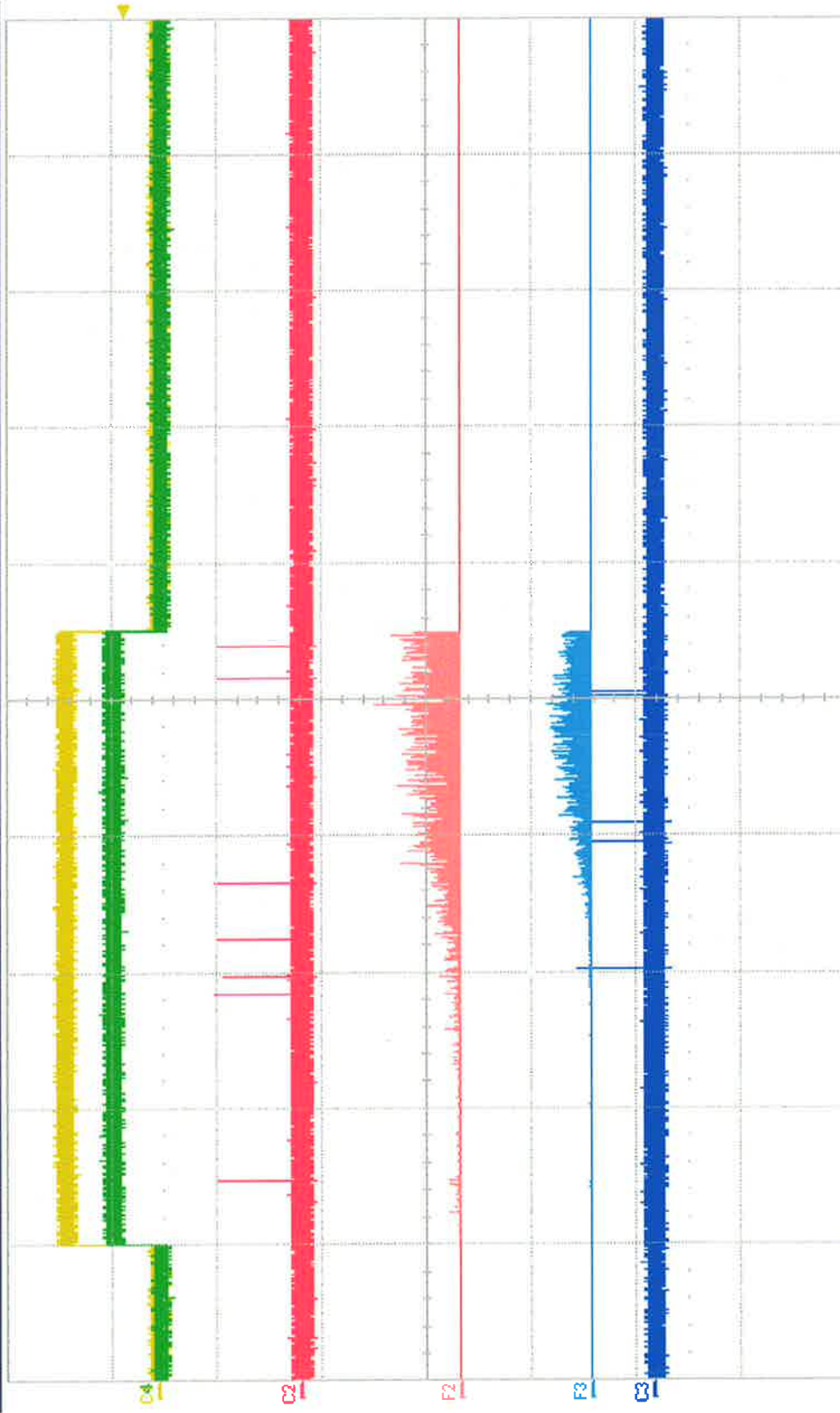
.5 ms

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

20 MS/s

Ext10 DC 0.15 V 50Ω

☐ NORMAL



Thase -4.00 ms
1.00 ms/div
500 kS 50 MS/s

Trigger C1 DC
Normal 1.65 V
Edge Positive

F3 peris...
500 #
1.0 ms
22.9 k#

F2 peris...
100 #
1.0 ms
8.67 k#

C4 D1
10.0 V
25.30 V

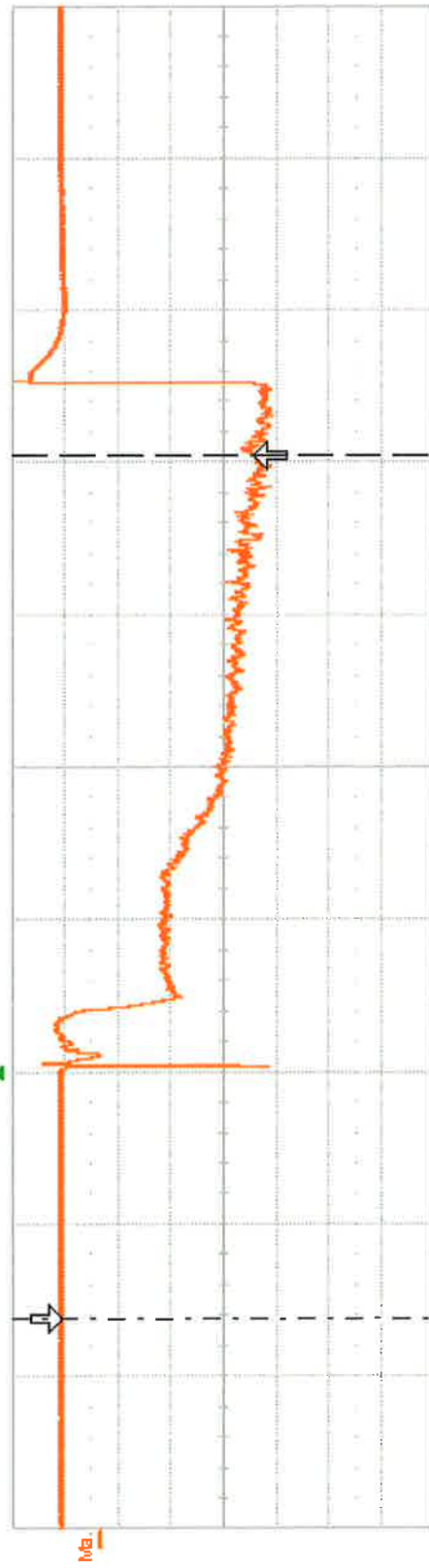
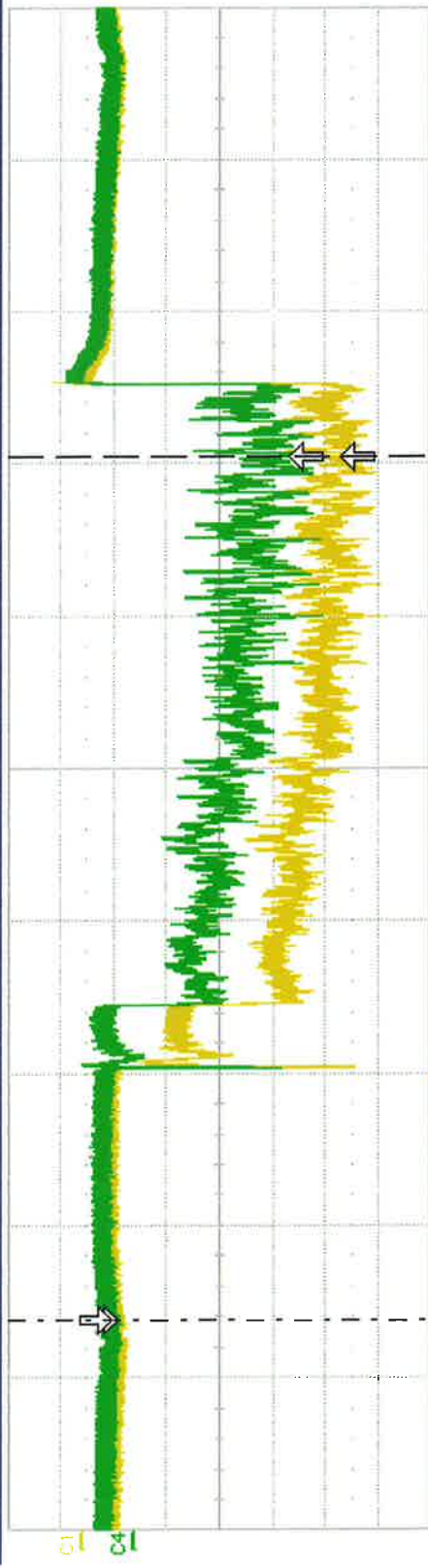
C3 D1
5.00 V
-11.0 V

C2 D1
5.00 V
5.95 V

C1 D1
5.00 V
12.70 V

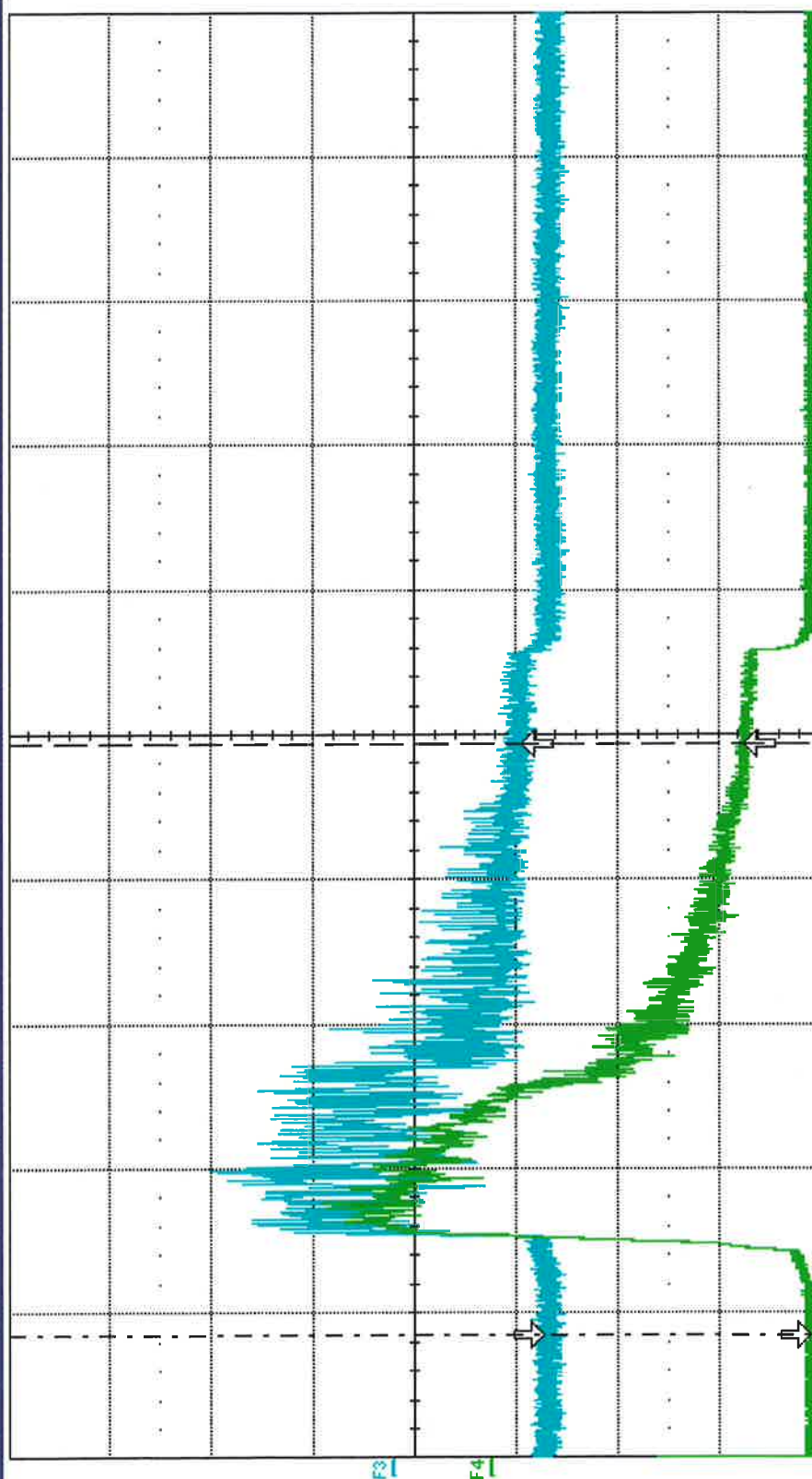
TELEDYNE LECROY

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C1	C4	Math
5.00 mV/div	5.00 mV/div	4.00 mV/div
13.00 mV ofst	8.00 mV ofst	1.00 mV/div
↑	↑	↑
-3.31 mV	2.31 mV	3.0377 mV
↑	↑	↑
-24.72 mV	-14.72 mV	-11.5392 mV
Δy	Δy	Δy
-21.41 mV	-17.03 mV	-14.6759 mV

Timebase	-2.00 ms	Trigger	ExtID	DC
1.00 ms/div	Normal	Edge	700 mV	Negative
2.00 MS	200 MS/s			
X1=	-1.623375 ms	ΔX=	5.665050 ms	
X2=	4.041875 ms	1/ΔX=	176.5208 Hz	



F3 script(C3,C2)

1.00/div

1.00 ms/div

↓

-1.476

↑

-1.284

Δy

192e-3

<F3>

500e-3/div

1.00 ms/div

25 #

↓

-1.56912

↑

-1.25127

Δy

317.85e-3

Tbase

-3.96 ms

Trigger ExtIO

DC

Waveform

Normal

30 mV

50.0 kS

5.0 MS/s

Edge

Negative

X1=

-188.4 μs

ΔX=

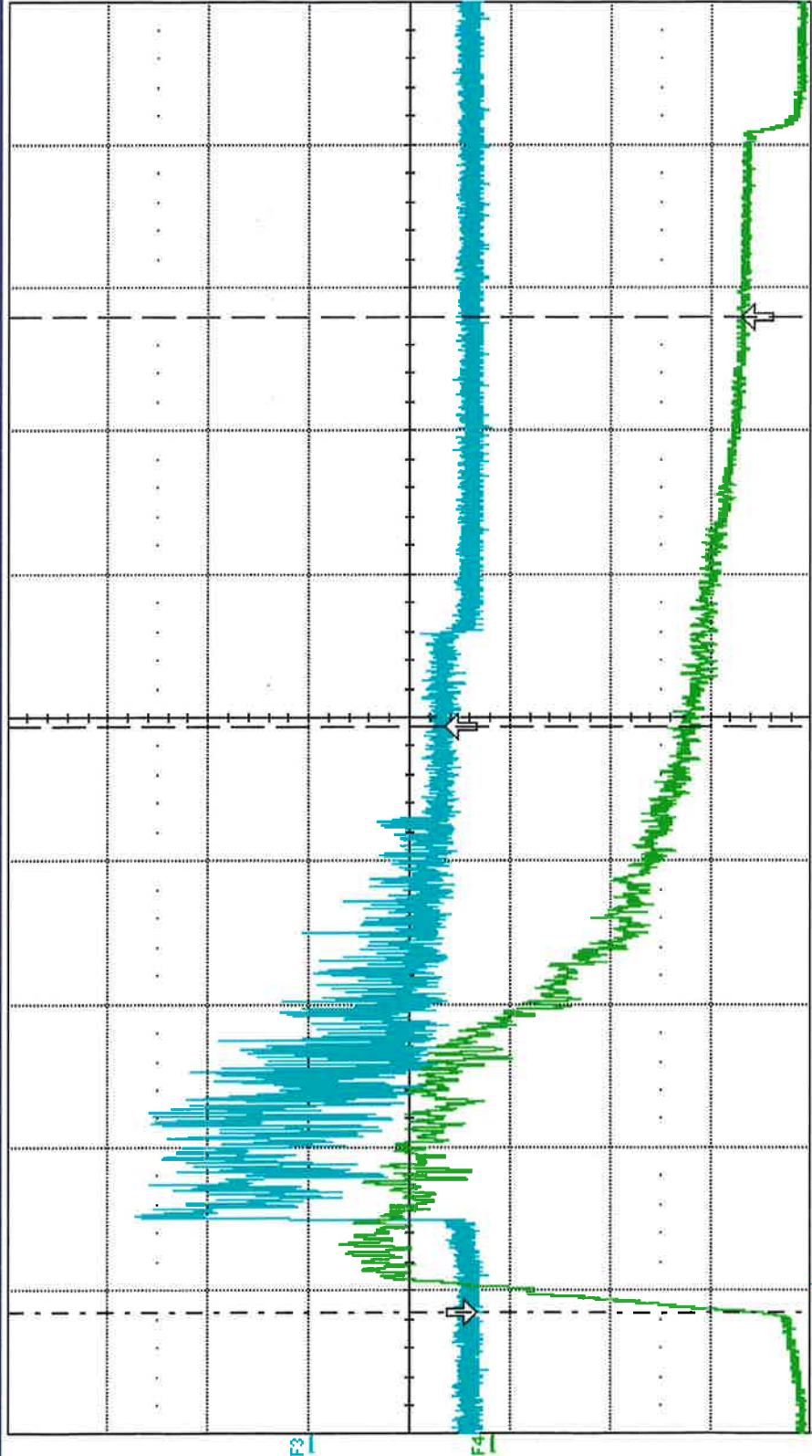
4.0818 ms

X2=

3.8934 ms

1/ΔX=

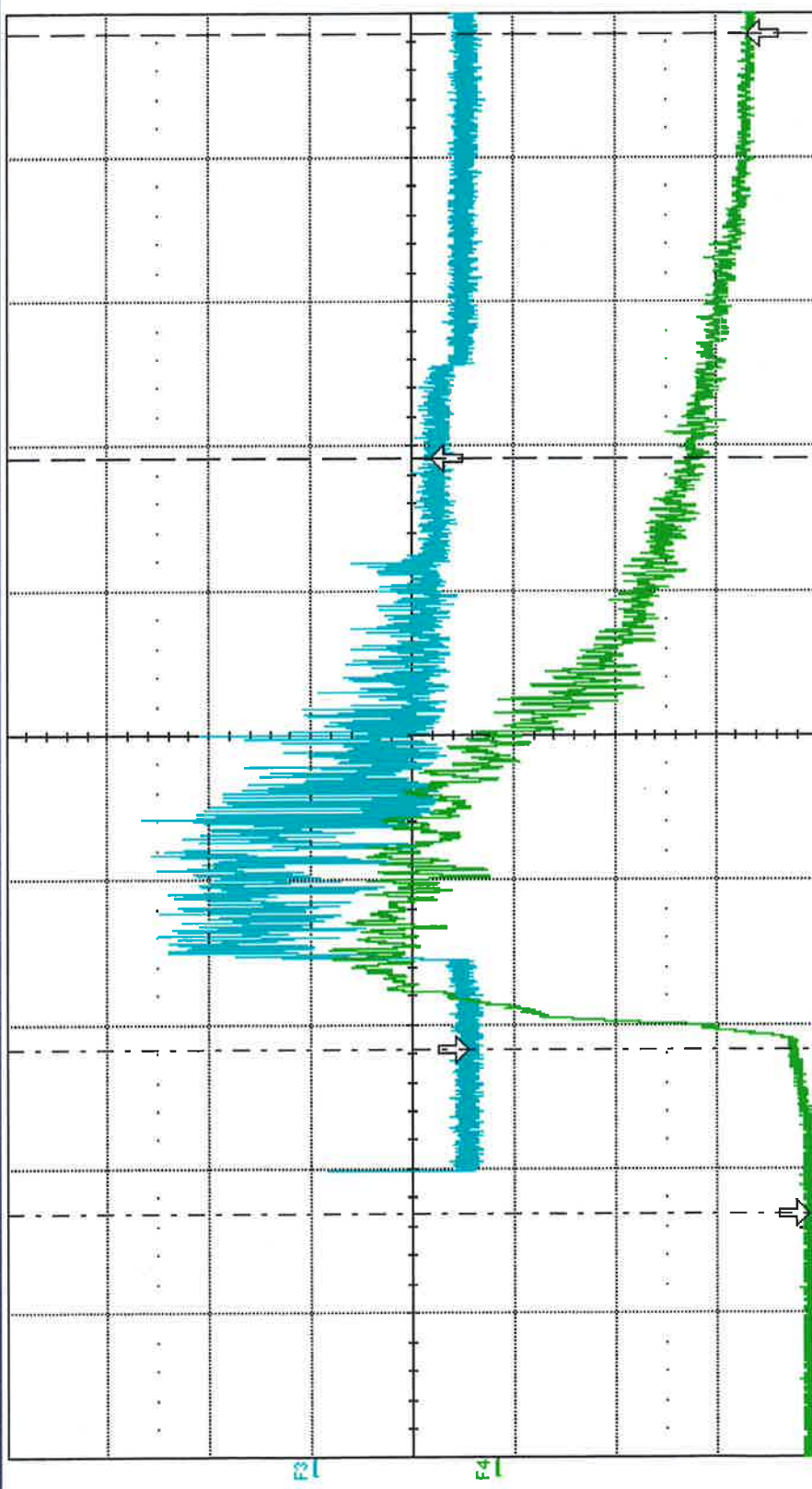
244.99 Hz



F3 script(C3,C2)
 1.00/div
 1.00 ms/div
 ↓ -1.603
 ↑ -1.332
 Δv 270e-3

F4 <F3>
 500e-3/div
 500 μs/div
 43 #
 ↓ -1.24265
 ↑
 Δv

Tbase -3.96 ms Trigger Ext10 DC
 WStream 1.00 ms Normal 30 mV
 50.0 kS 5.0 MS/s Edge Negative
 X1= -188.4 μs ΔX= 4.0818 ms
 X2= 3.8934 ms 1/ΔX= 244.99 Hz



F3 script(C3,C2)

↓	-1.489	↑	-1.53061
↑	-1.156	↓	-1.24782
Δy	333e-3	Δy	282.79e-3

F4

500e-3/div	500e-3/div
1.00/div	1.00/div
500 μs/div	500 μs/div
27 #	27 #

<F3>

Tbase -3.96 ms

WStream 1.00 ms

50.0 kS 5.0 MS/s

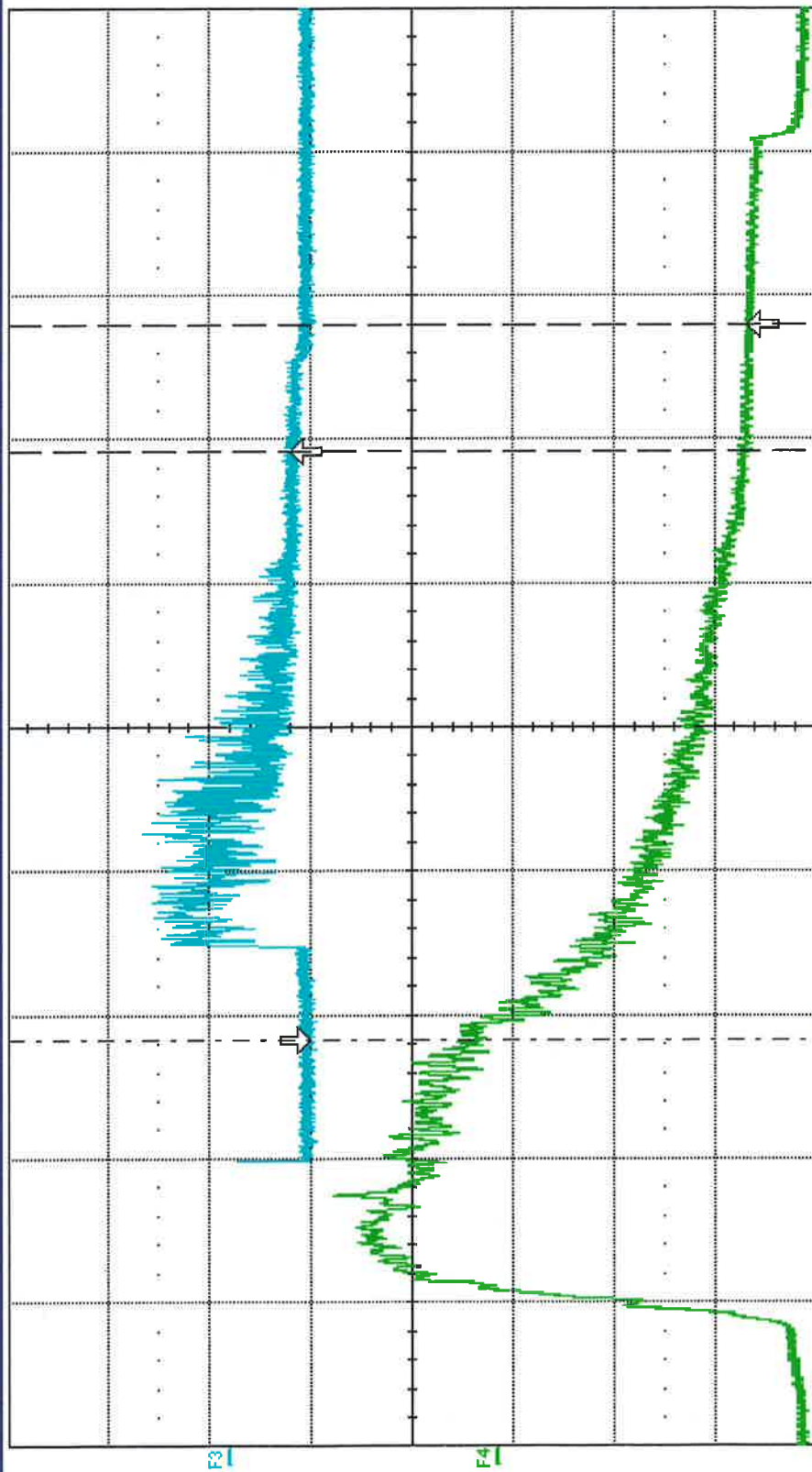
X1= -188.4 μs **ΔX=** 4.0818 ms

X2= 3.8934 ms **1/ΔX=** 244.99 Hz

Trigger **Ext10** **DC**

Normal 30 mV

Edge Negative

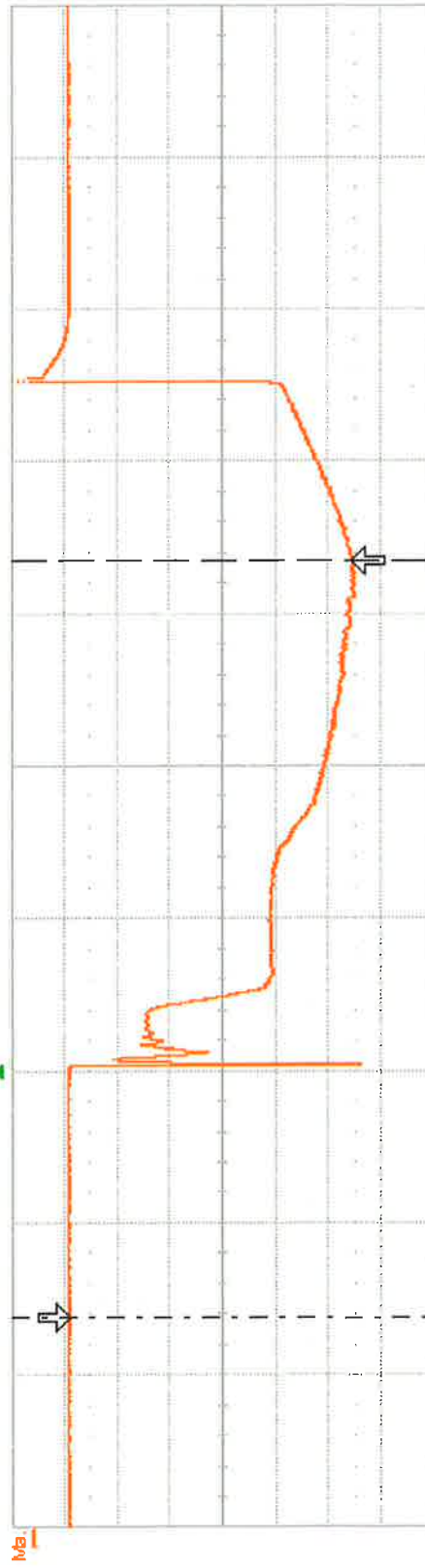
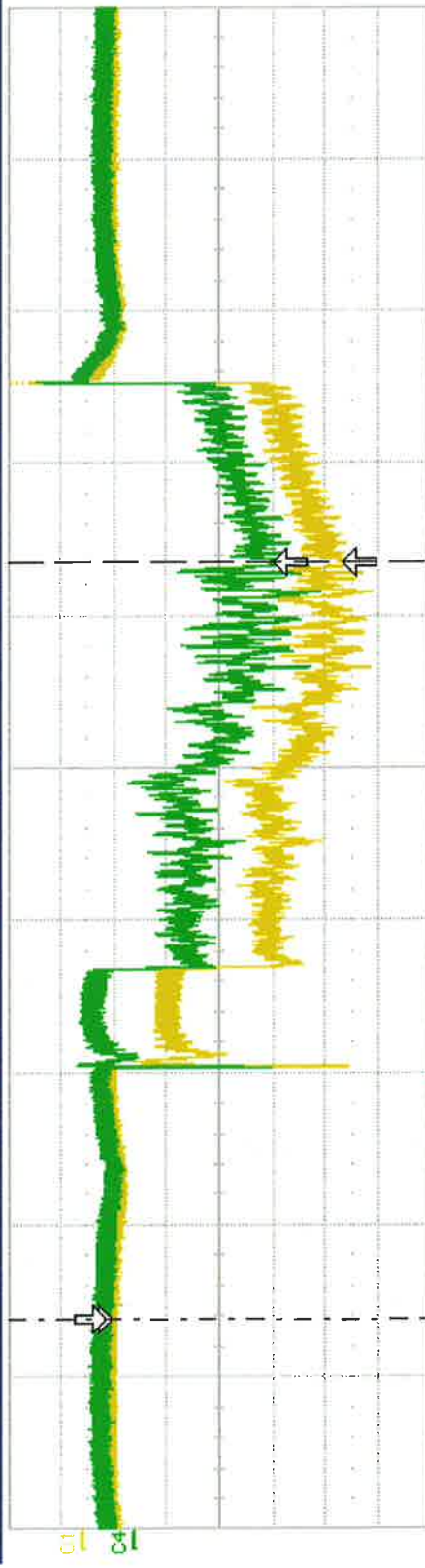


F3 script(C3,C2)
2.00/div
1.00 ms/div
-1.538
-1.200
339e-3
Δy

F4 <F3>
500e-3/div
500 μs/div
44 #
-1.24437
Δy

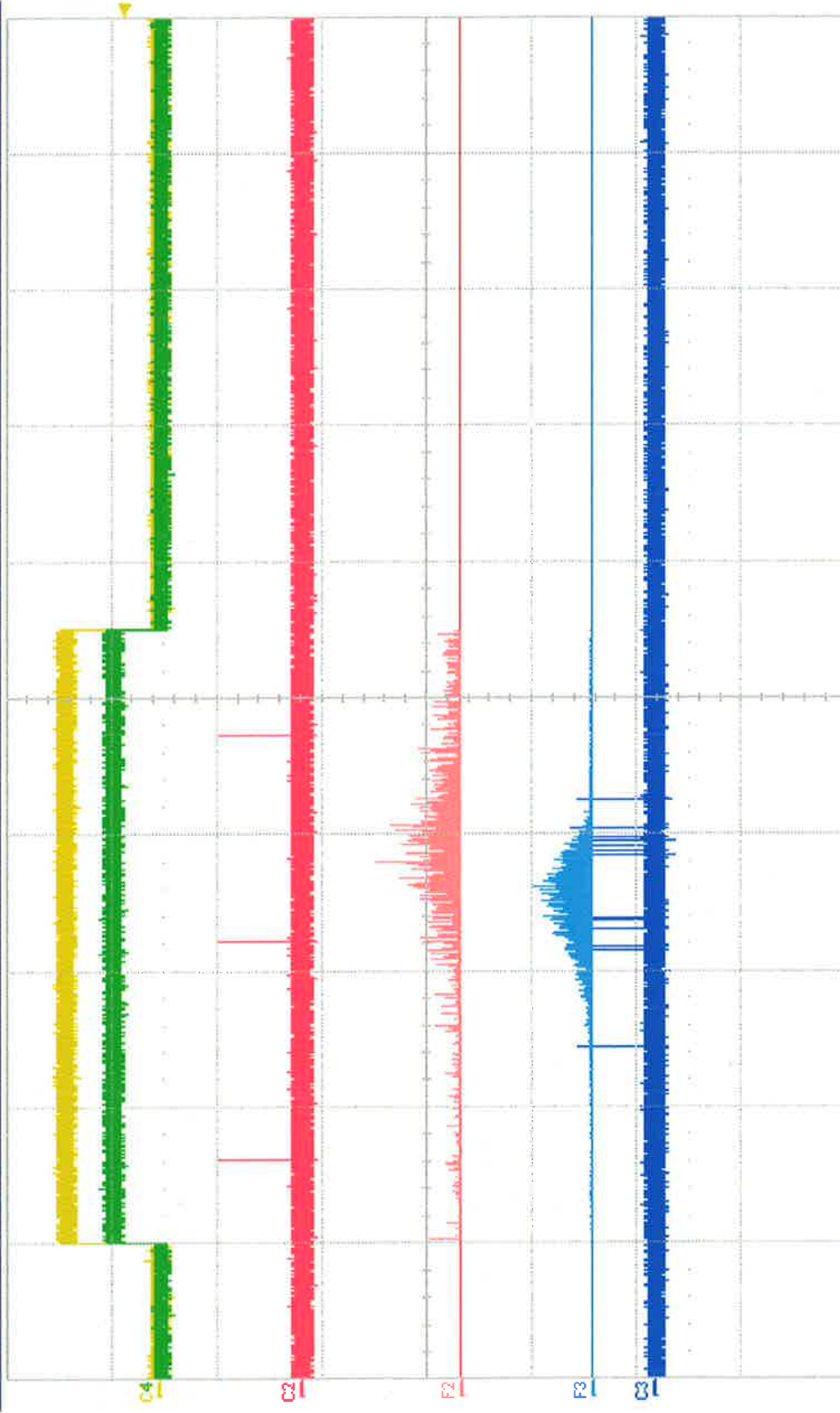
Tbase -3.96 ms
VWStream 1.00 ms
50.0 kS 5.0 MS/s
X1= -188.4 μs ΔX= 4.0818 ms
X2= 3.8934 ms 1/ΔX= 244.99 Hz

Trigger Ext10 DC
Normal 30 mV
Edge Negative



C1	DCIM	C4	DCIM	Math	<C1>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
↓	↓	↓	↓	358 #	358 #
↑	↑	↑	↑	-2.5410 mV	-2.5410 mV
Δv	Δv	Δv	Δv	-24.1844 mV	-24.1844 mV
				-21.6434 mV	-21.6434 mV

Timebase	-2.00 ms	Trigger	Ext10 DC
1.00 ms/div	Normal	Edge	Negative
2.00 MS	200 MS/s		
X1=	-1.623375 ms	ΔX=	4.975215 ms
X2=	3.351840 ms	1/ΔX=	200.9963 Hz

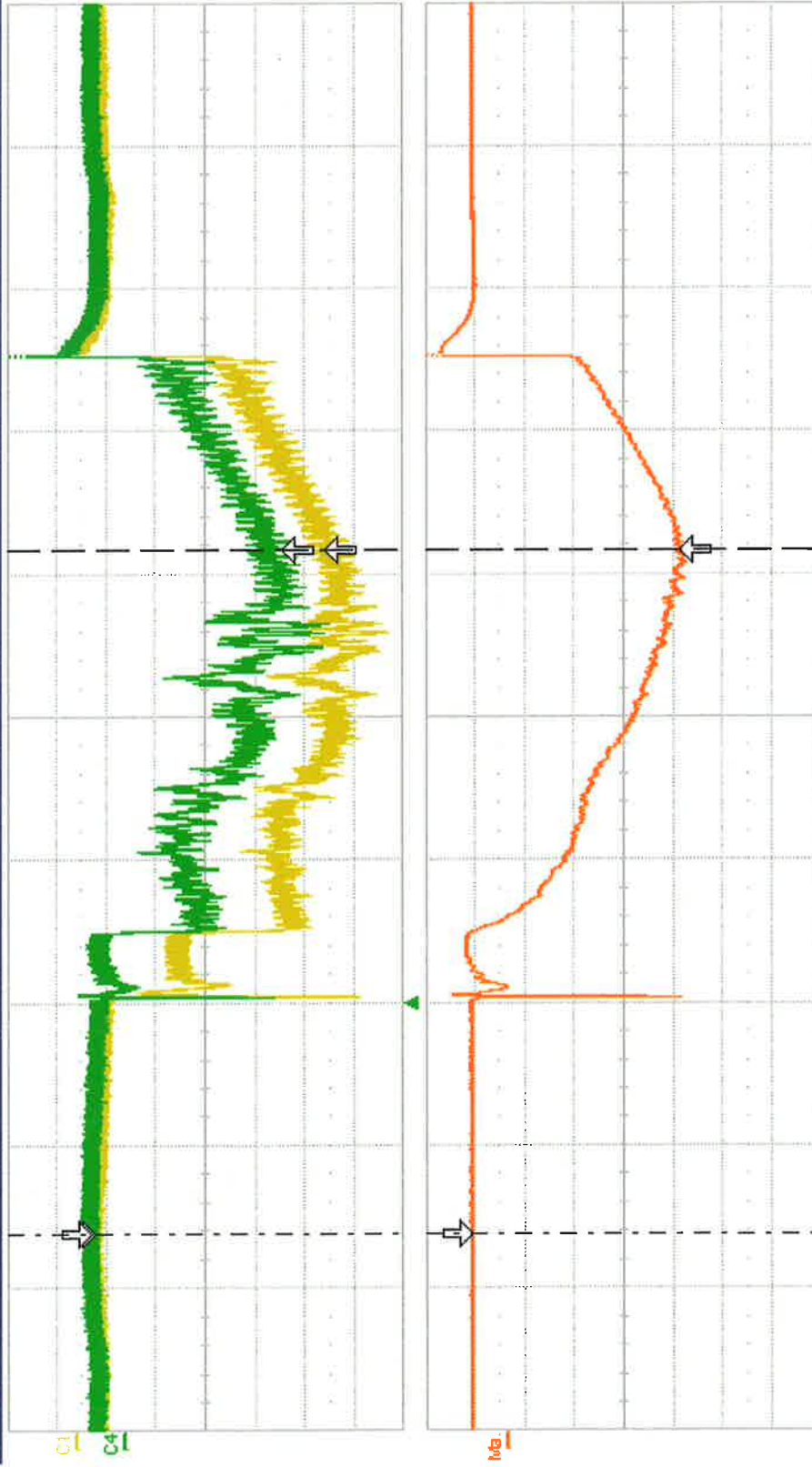


C1	D1	5.00 V	12.70 V
C2	D1	5.00 V	5.95 V
C3	D1	5.00 V	-11.0 V
C4	D1	10.0 V	25.30 V
F2 peris...	F2 peris...	50.0 #	1.0 ms
F3 peris...	F3 peris...	1.00 k#	1.0 ms
		37.9 k#	

TELEDYNE LECROY

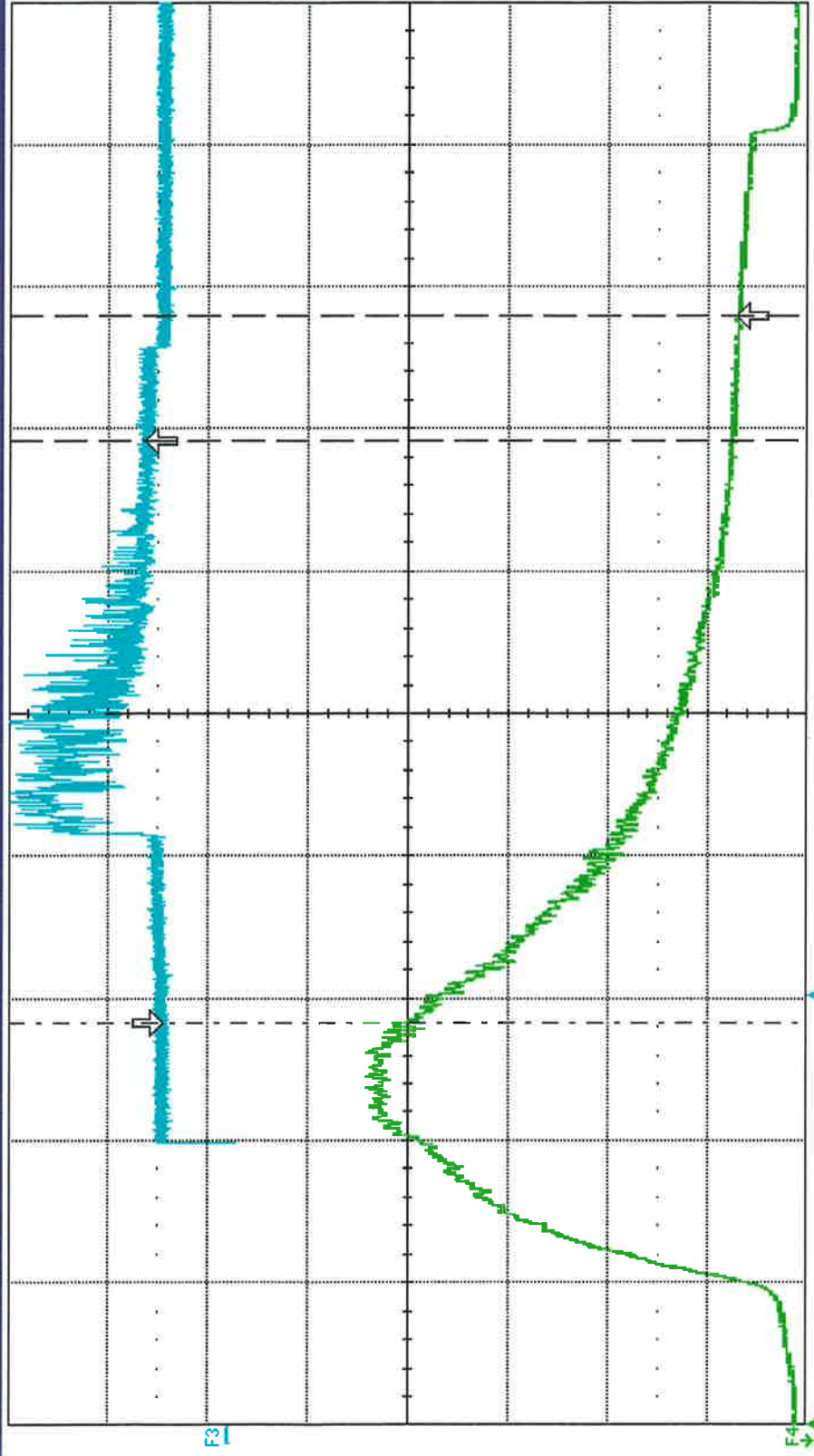
Tbase -4.00 ms
 1.00 ms/div
 500 kS
 50 MS/s

Trigger **C100**
 Normal
 Edge
 Positive



C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 ms/div	1.00 ms/div
↑	↑	↑	↑	98 #	98 #
-1.77 mV	-1.77 mV	3.69 mV	3.69 mV	3.0183 mV	3.0183 mV
-25.19 mV	-25.19 mV	-15.83 mV	-15.83 mV	-13.9485 mV	-13.9485 mV
ΔV	ΔV	ΔV	ΔV	Δy	Δy
-23.42 mV	-23.42 mV	-19.53 mV	-19.53 mV	-16.8674 mV	-16.8674 mV

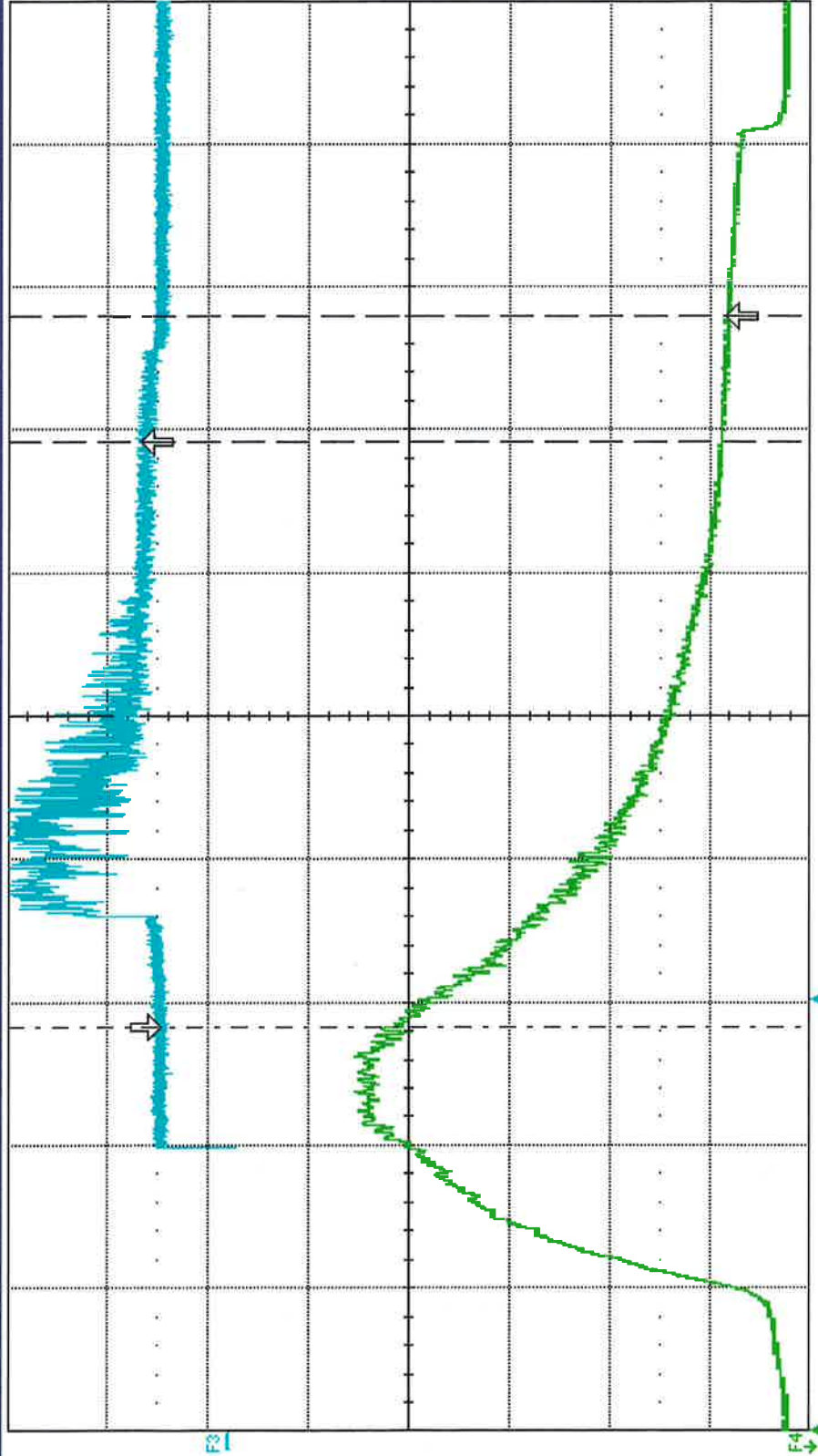
Timebase	-2.00 ms	Trigger	Edge	700 mV	Negative
2.00 MS	200 MS/s	Normal	Edge	700 mV	Negative
X1=	-1.623375 ms	ΔX=	4.790815 ms		
X2=	3.167440 ms	1/ΔX=	208.7328 Hz		



F3 script(C3,C2)
2.00/div
1.00 ms/div
L 1.348
T 1.659
Δy 312e-3

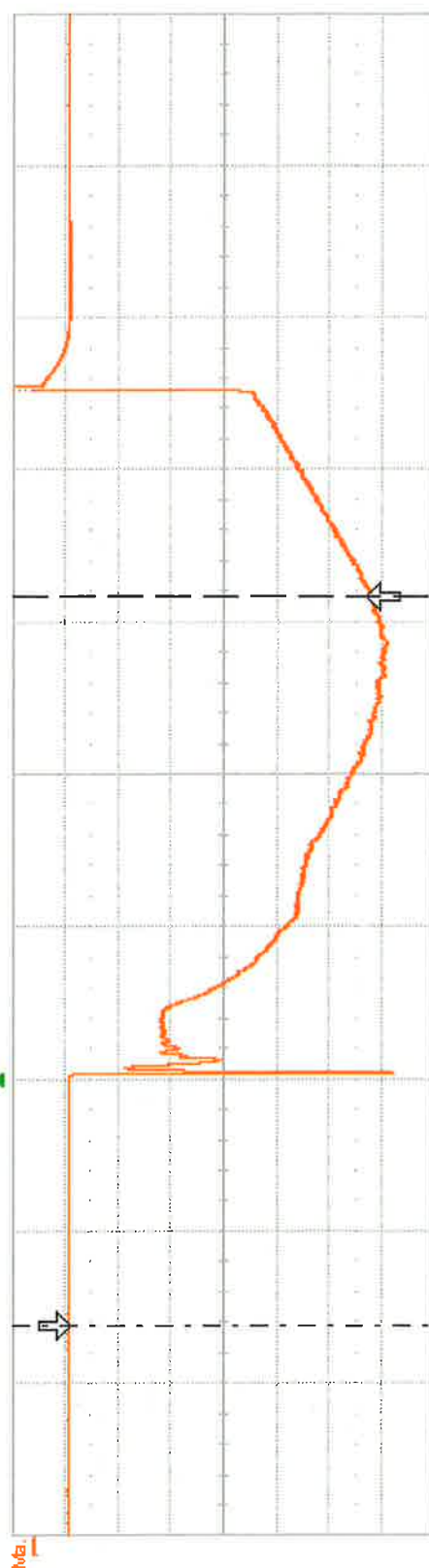
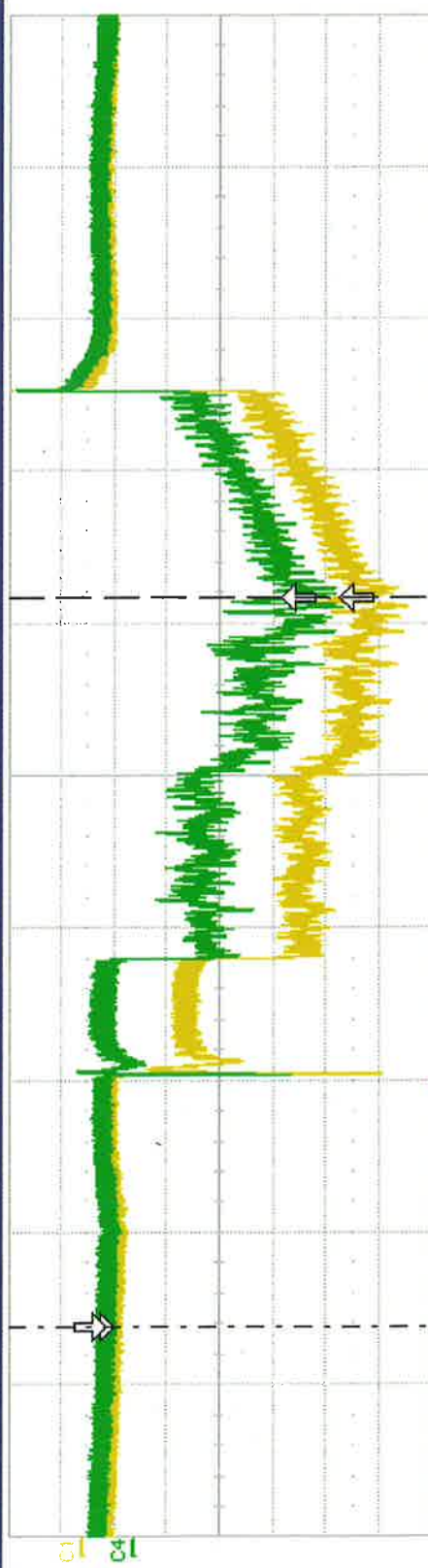
F4 <F3>
500e-3/div
500 μs/div
274 #
L
T
Δy 369.58e-3

Tbase -3.96 ms
WStream 1.00 ms
50.0 kS 5.0 MS/s
X1= -188.4 μs ΔX= 4.0818 ms
X2= 3.8934 ms 1/ΔX= 244.99 Hz
Trigger Ext10 D/C
Normal 30 mV
Edge Negative



F3 script(C3,C2)		F4	
↓	2.00/div	<F3>	500e-3/div
↑	1.00 ms/div		500 μs/div
Δy	1.375		289 #
	1.739		434.52e-3
	364e-3		Δy

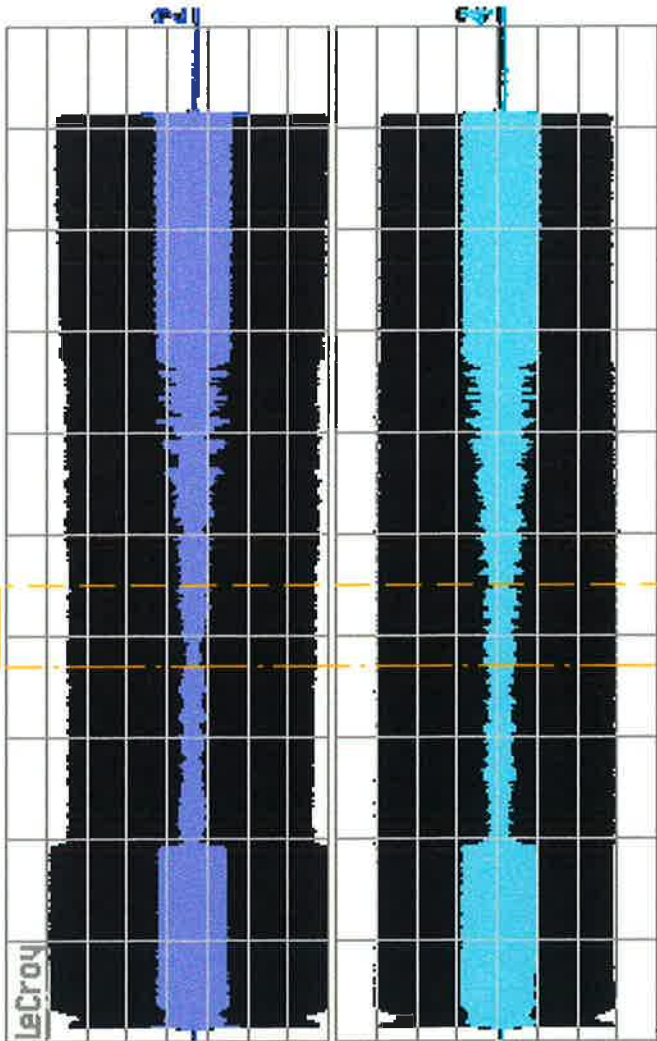
Thase		TriggerExt101DC	
WStream	1.00 ms	Normal	30 mV
50.0 kS	5.0 MS/s	Edge	Negative
X1=	-188.4 μs	ΔX=	4.0818 ms
X2=	3.8934 ms	1/ΔX=	244.99 Hz



C1	C4	Math
5.00 mV/div	5.00 mV/div	4.00 mV/div
13.00 mV ofst	8.00 mV ofst	1.00 mV/div
2.64 mV	2.89 mV	261 #
25.71 mV	12.63 mV	-2.5301 mV
23.07 mV	15.52 mV	-25.1863 mV
		-22.6562 mV

Timebase	-2.00 ms	Trigger	Ext/10	DC
1.00 ms/div	Normal	Edge	700 mV	Negative
2.00 MS	200 MS/s			
X1=	-1.923375 ms	ΔX=	4.790815 ms	
X2=	3.167440 ms	1/ΔX=	208.7328 Hz	

20-Oct-20
14:14:52



1 .5 ms
200 mV

2 .5 ms
200 mV

3 .5 ms
200 mV

4 .5 ms
200 mV

.5 ms

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

223 sweeps:

	average	low	high	sigma
rms(1)	433.4 mV	425.7	440.8	3.1
rms(2)	44.4 mV	24.7	56.9	5.5
rms(3)	412.2 mV	408.9	415.6	1.4
rms(4)	52.2 mV	37.4	65.8	6.0
phase(1,3)	77 °	73	81	1

20 MS/s

Ext10 DC 0.15 V 50Ω

☐ NORMAL