

Timebase -4.00 ms
1.00 ms/div
500 kS

Trigger Normal
Edge
Positive

1.65 V
50 MS/s

C1 5.00 V
12.70 V

C2 5.00 V
5.95 V

C3 5.00 V
-11.0 V

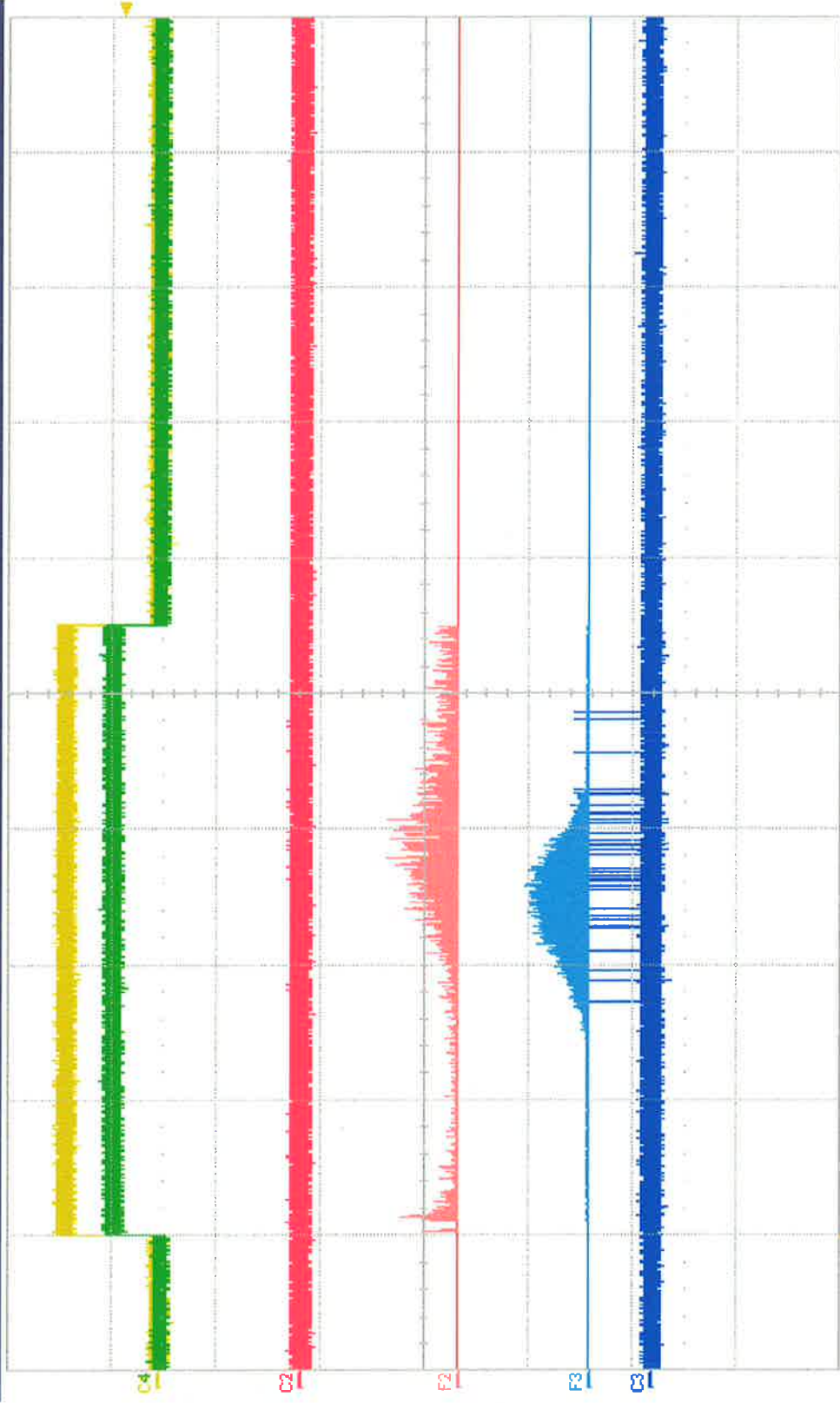
C4 10.0 V
25.30 V

F2 peris...
50.0 #
1.0 ms
6.34 k#

F3 peris...
2.00 k#
1.0 ms
106 k#

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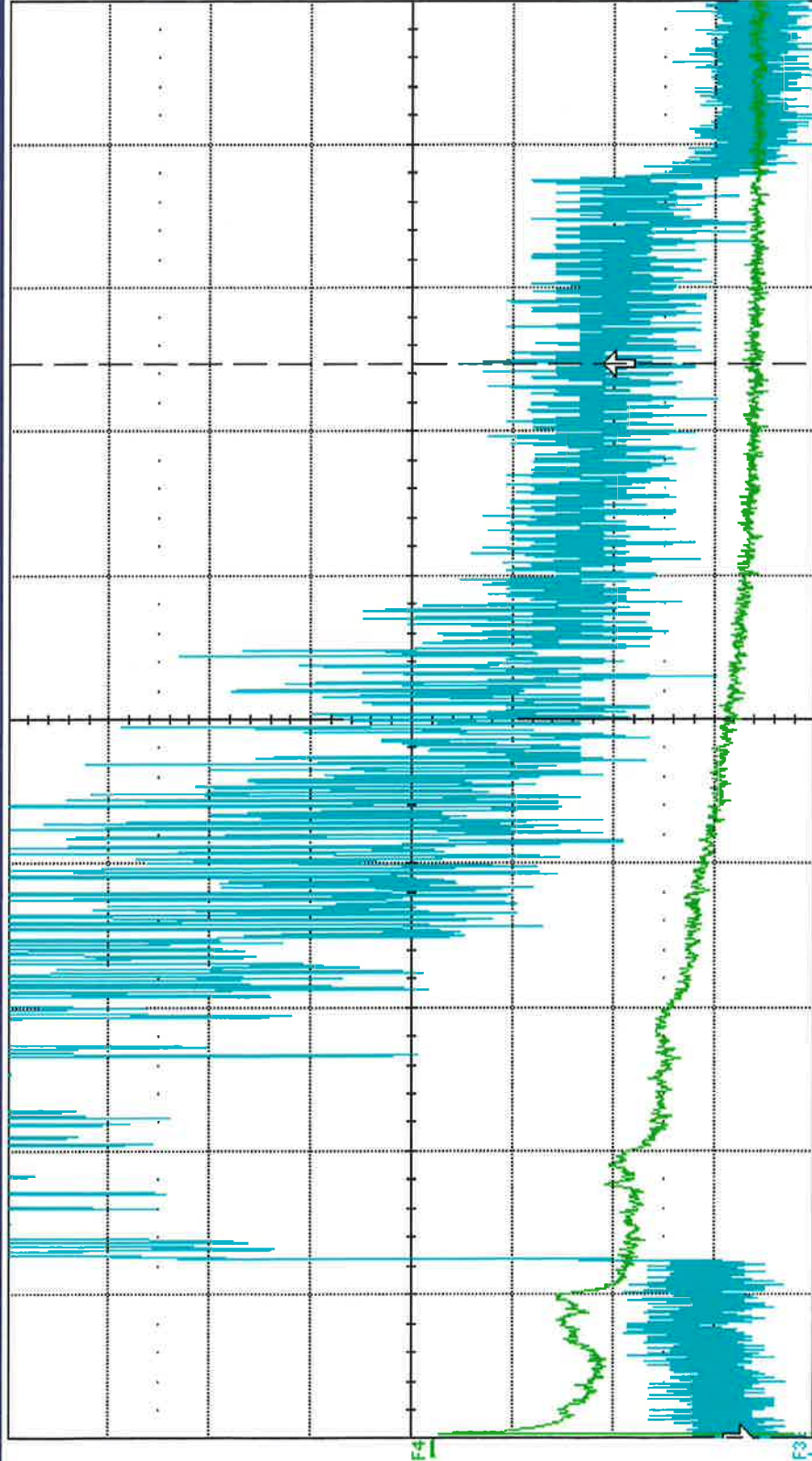
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C1	D1	5.00 V	12.70 V
C2	D1	5.00 V	5.95 V
C3	D3	5.00 V	-11.0 V
C4	D1	10.0 V	25.30 V
F2 peris...	100 #	1.0 ms	8.63 k#
F3 peris...	2.00 k#	1.0 ms	121 k#
Tbase	-4.00 ms	1.00 ms/div	500 kS
Trigger	Normal	Edge	Positive

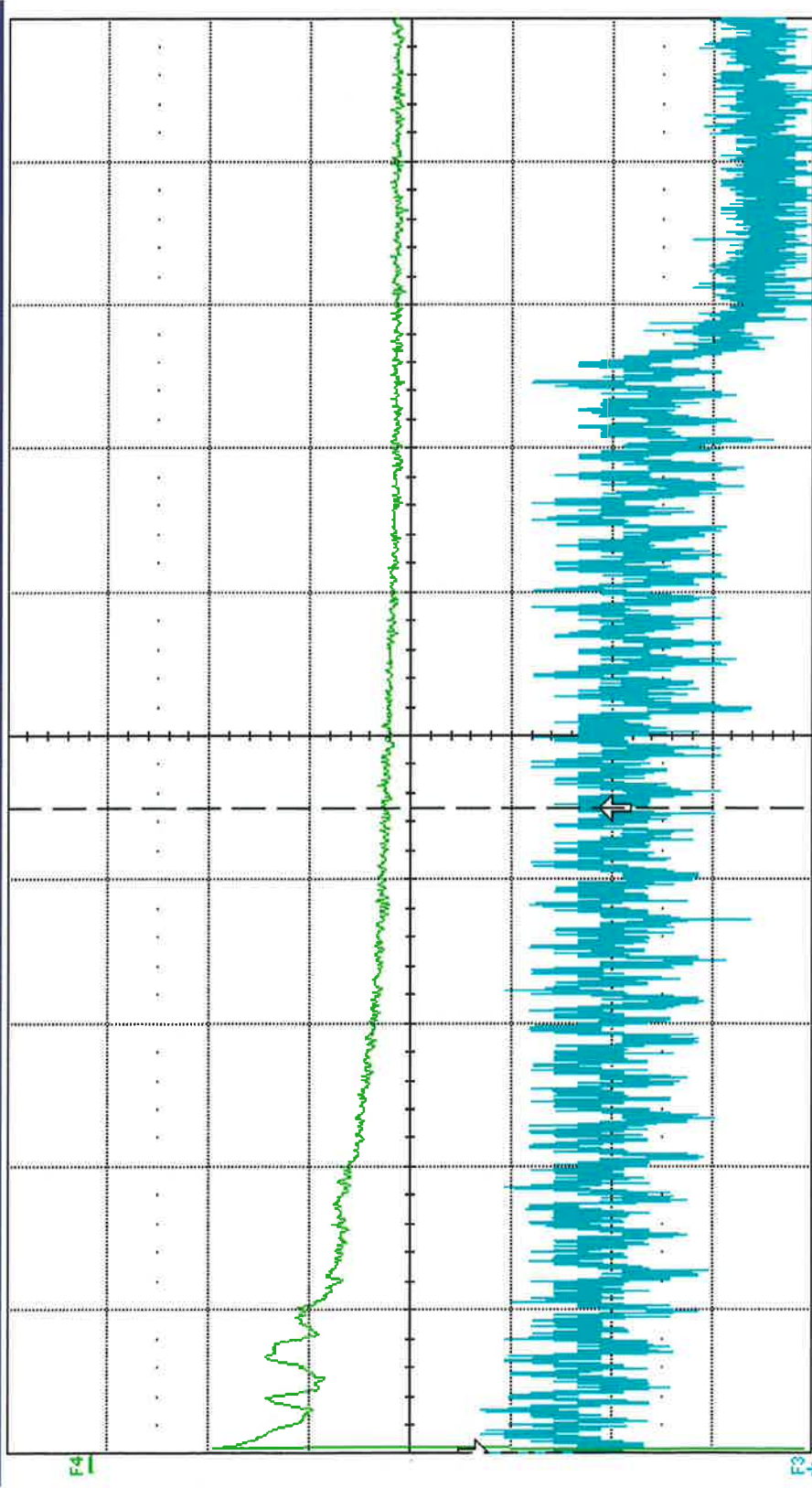
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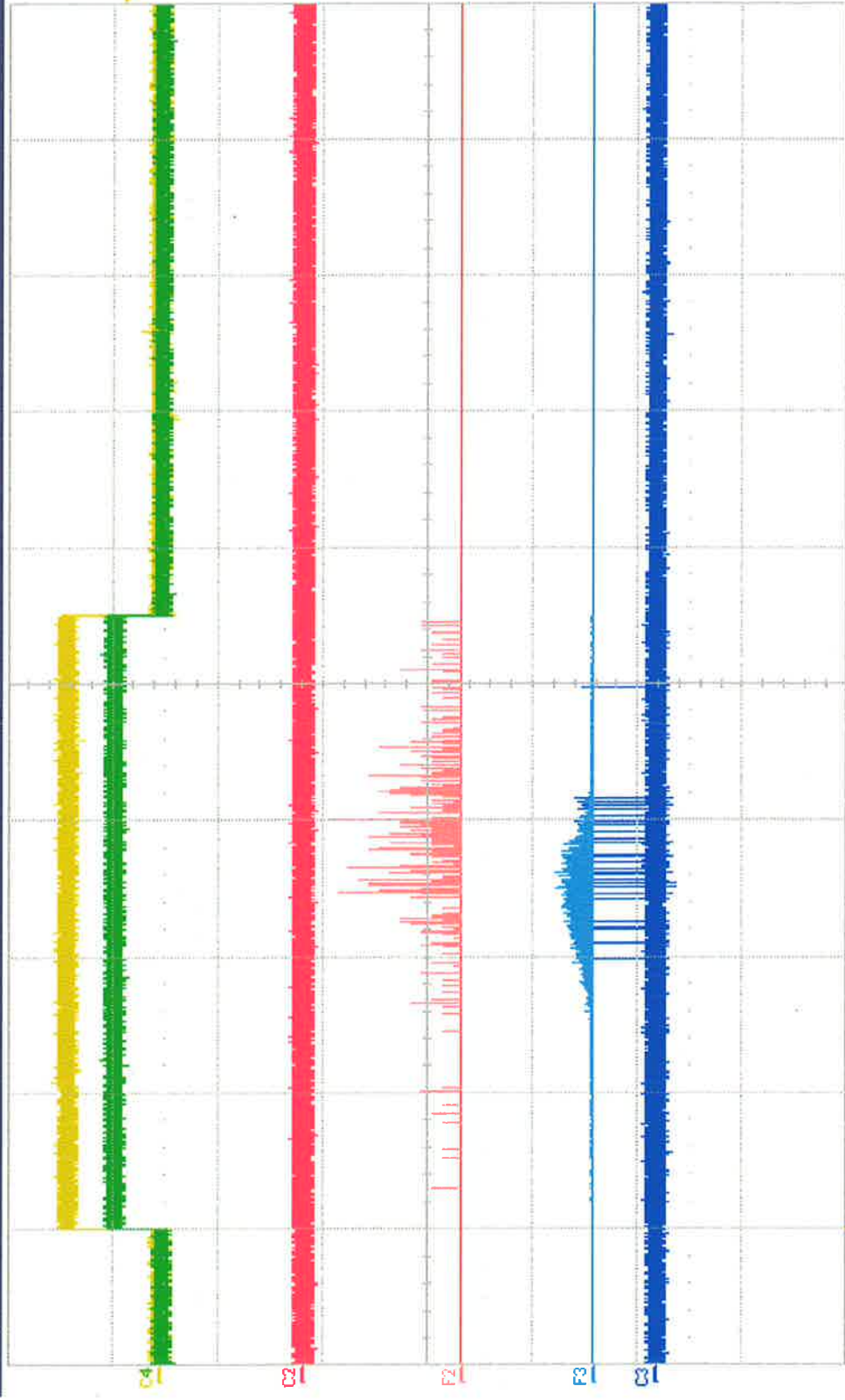
Tbase -3.96 ms Trigger Ext 10 DC
 WvStream 1.00 ms Normal 30 mV
 50.0 kS 5.0 MS/s Edge Negative
 X1= 155.0 μ s Δ X= 3.7384 ms
 X2= 3.8934 ms 1/ Δ X= 267.49 Hz

F3 script(C3,C2) 200e-3/div 500 μ s/div 1.113 1.407 293e-3 Δ y
 F4 <FFT(F3)> 20.0 dB/div 50.0 kHz/div 23 # Δ y



Tbase -3.96 ms Trigger Ext10 DC
 WStream 1.00 ms Normal 30 mV
 50.0 kS 5.0 MS/s Edge Negative
 X1= 2.9940 ms ΔX= 899.4 μs
 X2= 3.8934 ms ΔX= 1.1119 kHz

F3 script(C3,C2) F4 <FFT(F3)>
 200e-3/div 20.0 dB/div
 200 μs/div 50.0 kHz/div
 1 1.636 1
 ↑ 1.409 ↑
 Δy -227e-3 Δy
 64 #

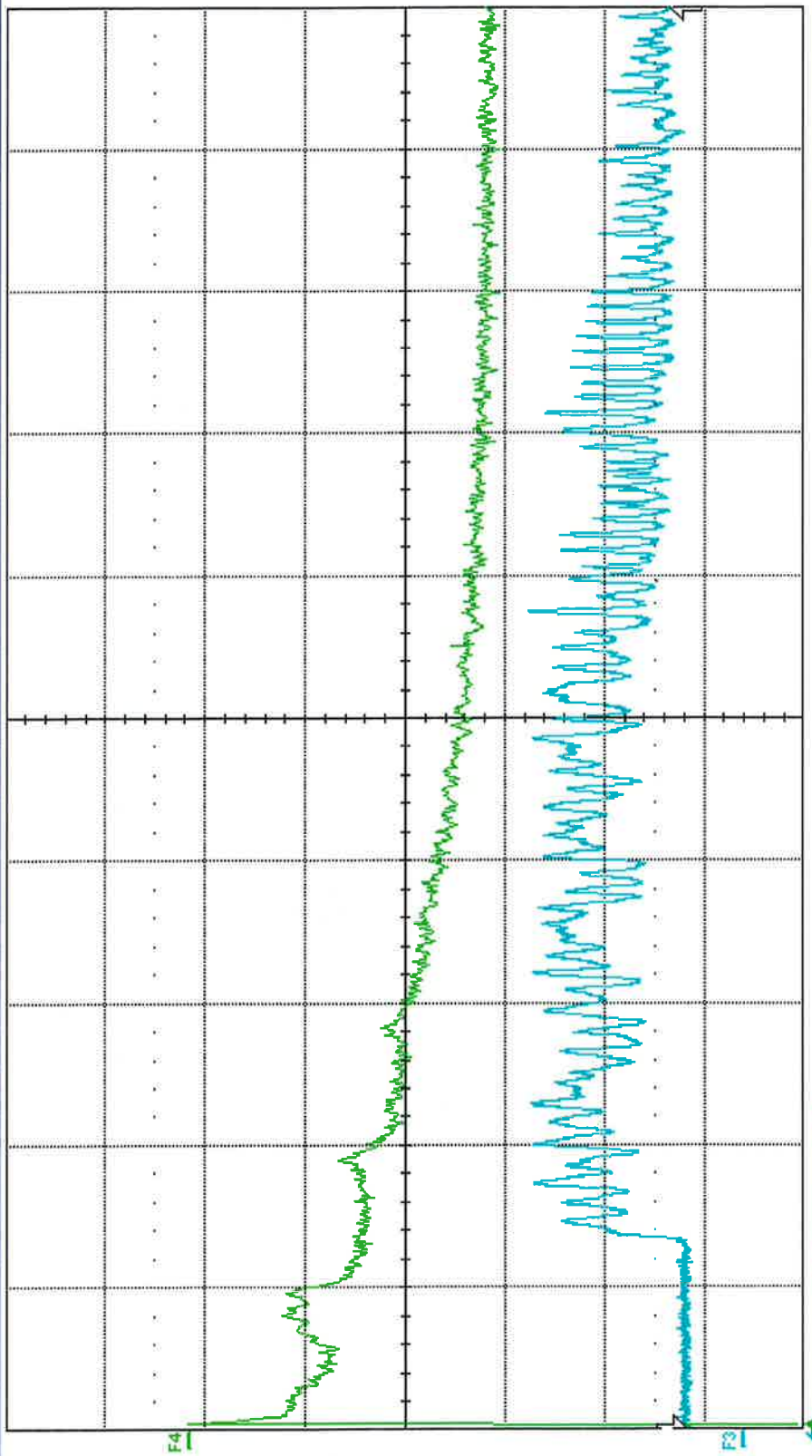


Timebase -4.00 ms Trigger C1DC
 1.00 ms/div Normal 1.65 V
 500 kS 50 MS/s Edge Positive

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... 10.0 # 1.0 ms 824 #
 F3 peris... 2.00 k# 1.0 ms 632 k#

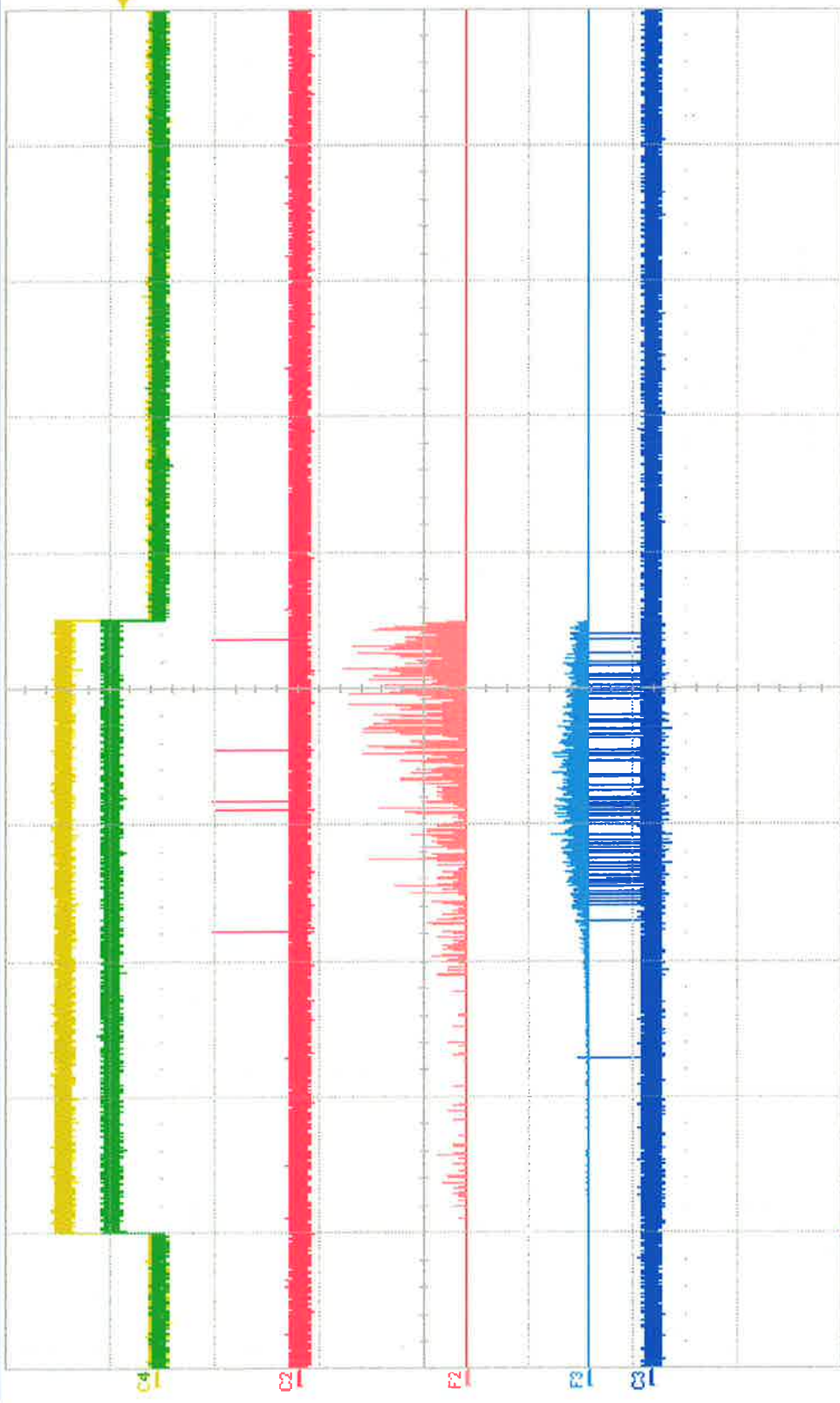
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Tbase -3.96 ms Trigger Ext10 DC
 WStream 1.00 ms Normal 30 mV
 50.0 kS 5.0 MS/s Edge Negative
 X1= 340.0 μ s Δ X= 1.9998 ms
 X2= 2.3398 ms 1/ Δ X= 500.05 Hz

F3 script(C3,C2) F4 <FFT(F3)>
 2.00/div 20.0 dB/div
 200 μ s/div 50.0 kHz/div
 1.166 18 #
 1.453
 Δ y 288e-3

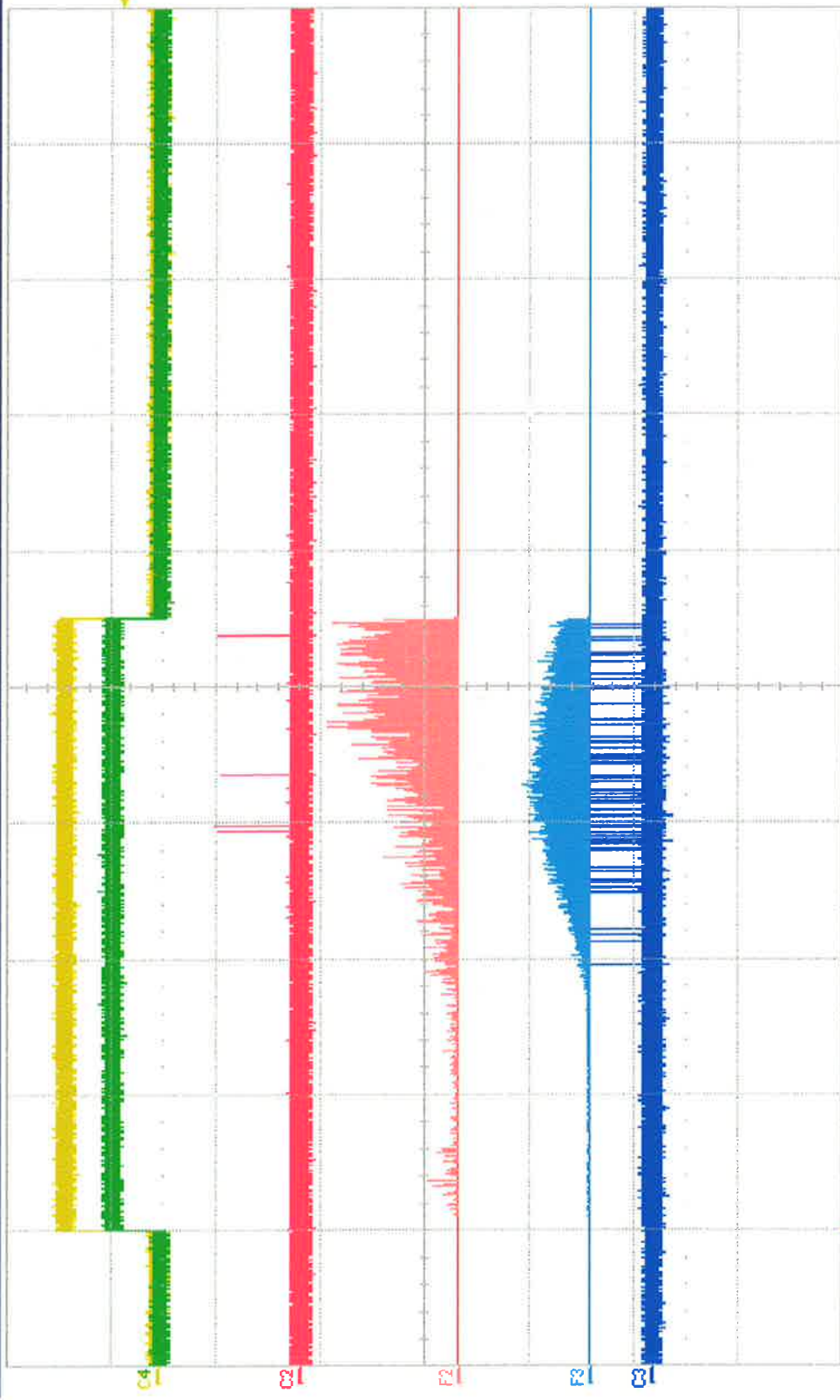


Thase -4.00 ms Trigger C1 DC
1.00 ms/div Normal 1.55 V
500 kS 50 MS/s Edge Positive

C1 D1 5.00 V 12.70 V
C2 D1 5.00 V 6.95 V
C3 D1 5.00 V -11.0 V
C4 D1 10.0 V 25.30 V
F2 peris... 20.0 # 1.0 ms 1.86 k#
F3 peris... 1.00 k# 1.0 ms 48.7 k#

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Thase -4.00 ms
1.00 ms/div
500 kS

Trigger Normal
Edge
Positive

6100

F3 peris...
2.00 k#
1.0 ms
208 k#

F2 peris...
50.0 #
1.0 ms
7.66 k#

C4
10.0 V
25.30 V

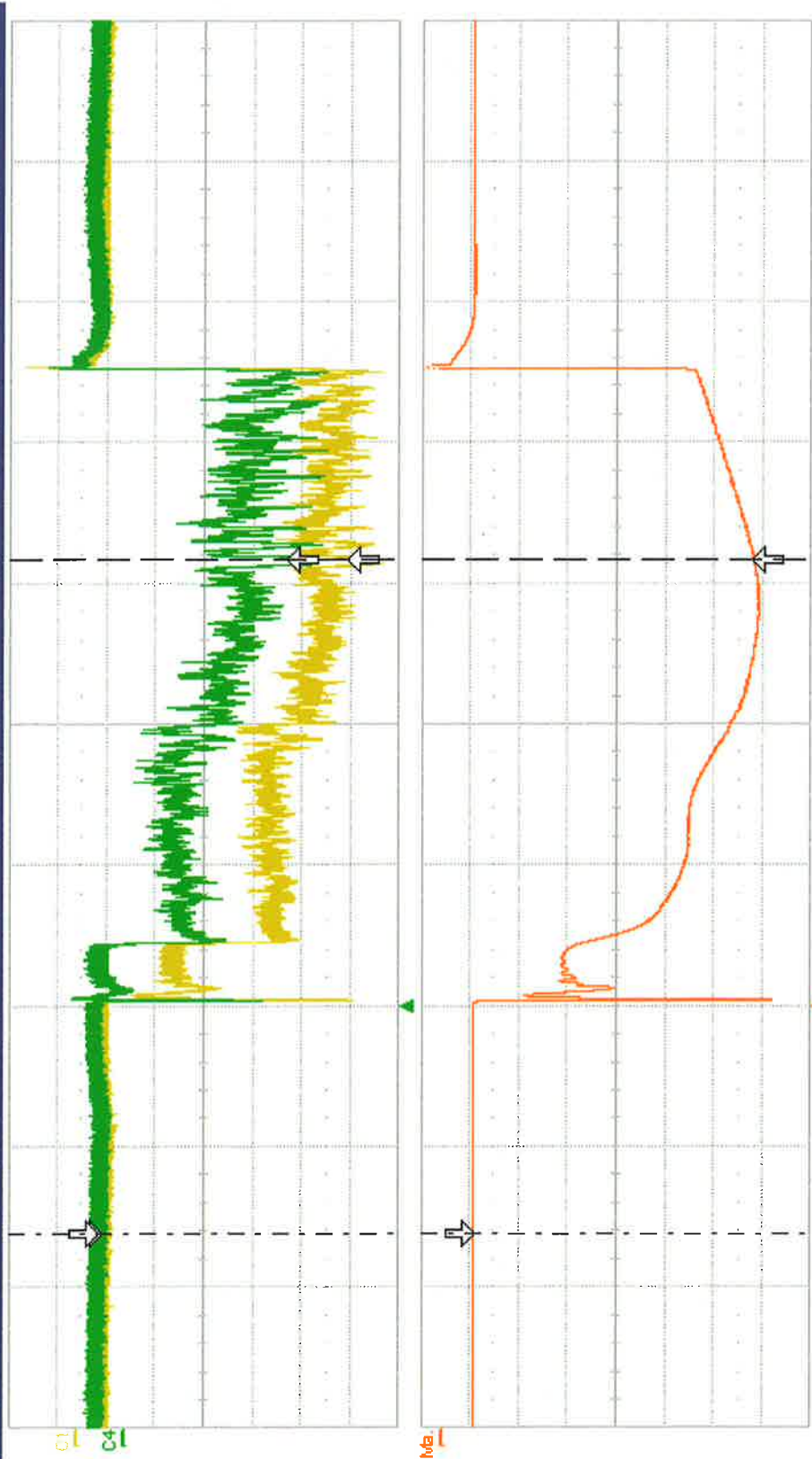
C3
5.00 V
-11.0 V

C2
5.00 V
5.95 V

C1
5.00 V
12.70 V

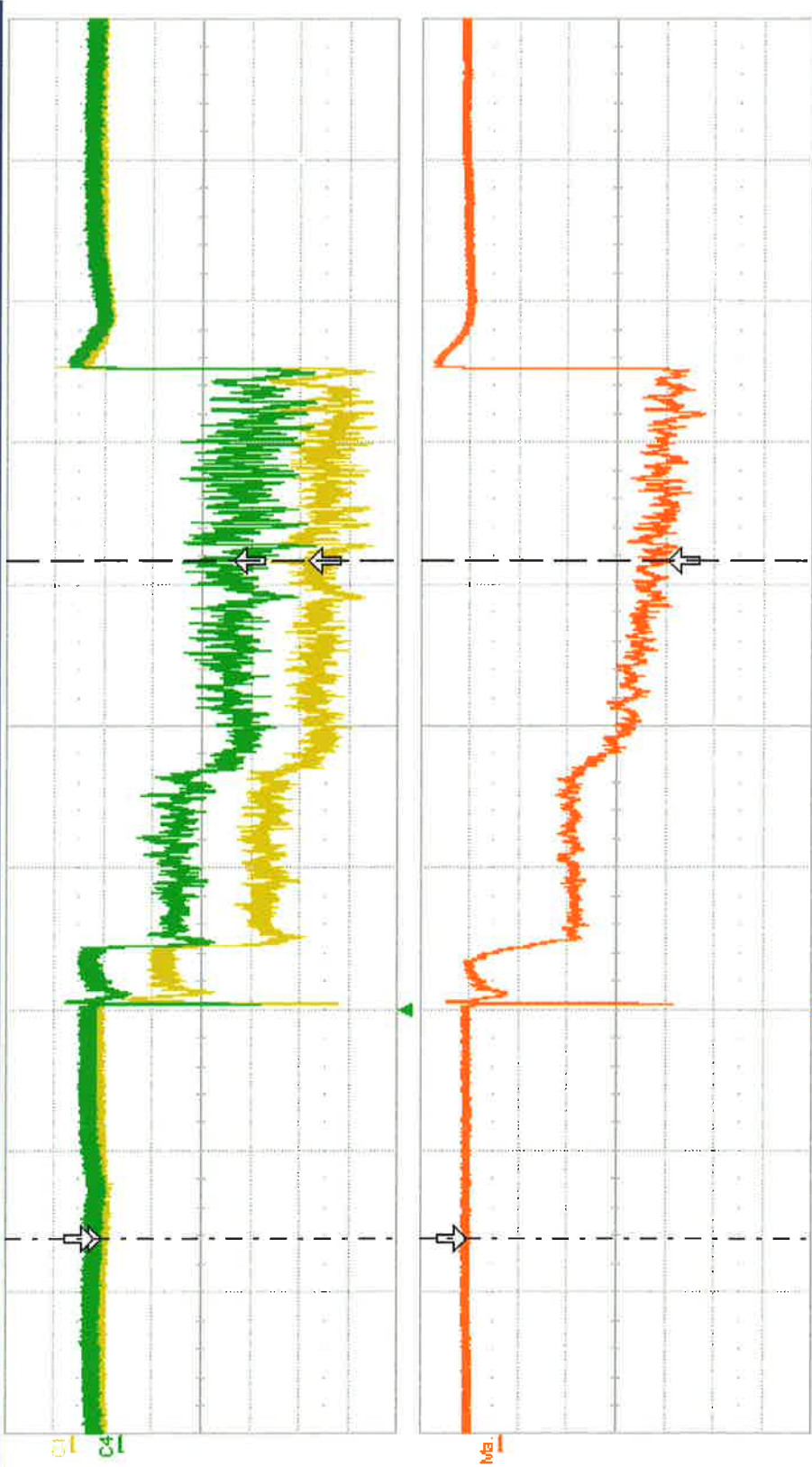
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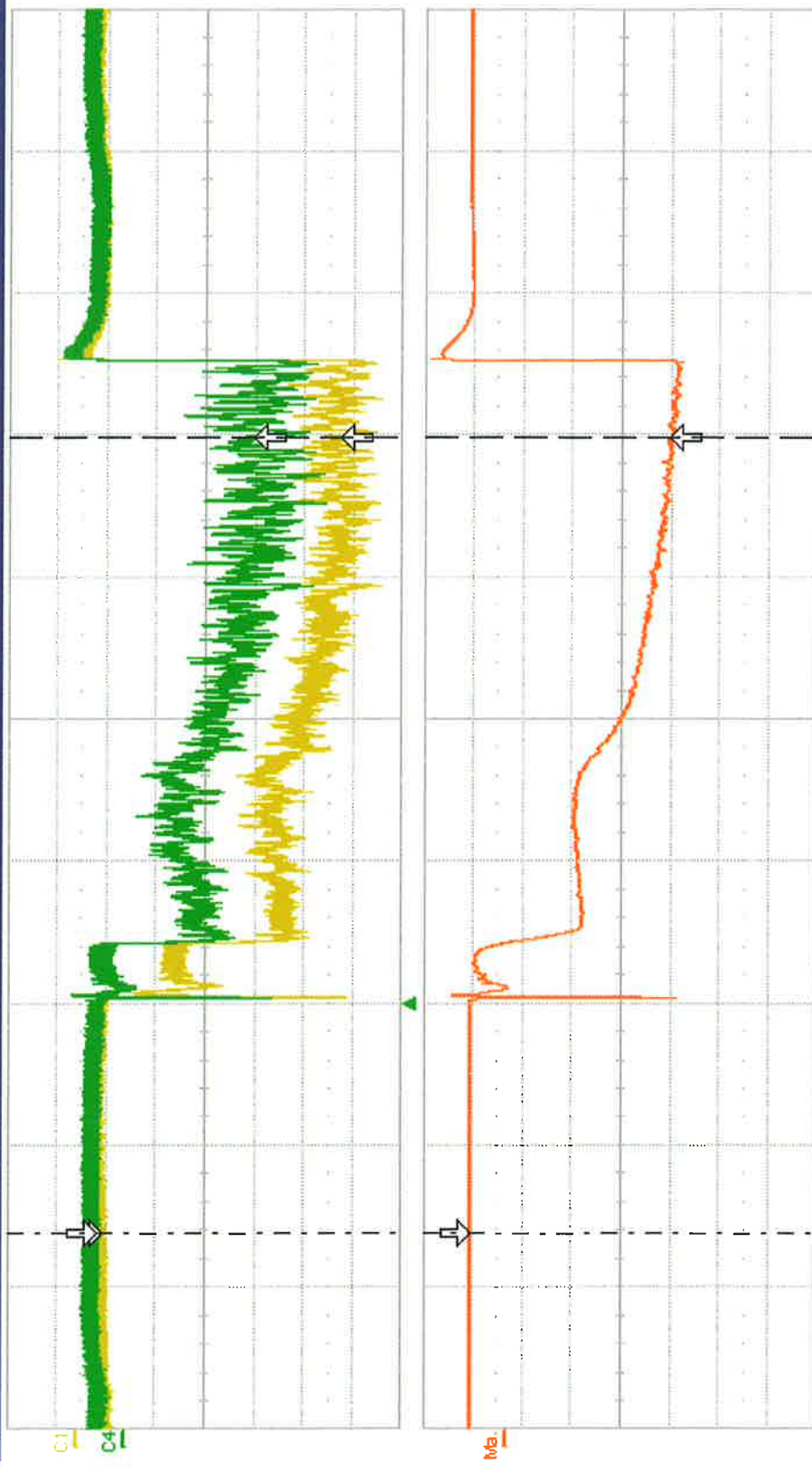
C1	DCIM	C4	DCIM	Math	sC1s
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.06 mV/div	1.06 mV/div
↓	↓	↓	↓	1.633 I#	1.633 I#
↑	↑	↑	↑	-2.5367 mV	-2.5367 mV
Δy	Δy	Δy	Δy	-25.4691 mV	-25.4691 mV
				-22.9324 mV	-22.9324 mV

Timebase	-2.00 ms	Trigger	Ext10 100
1.00 ms/div	1.00 ms/div	Normal	700 mV
2.00 MS	200 MS/s	Edge	Negative
X1=	-1.623375 ms	ΔX=	4.790815 ms
X2=	3.167440 ms	1/ΔX=	208.7328 Hz



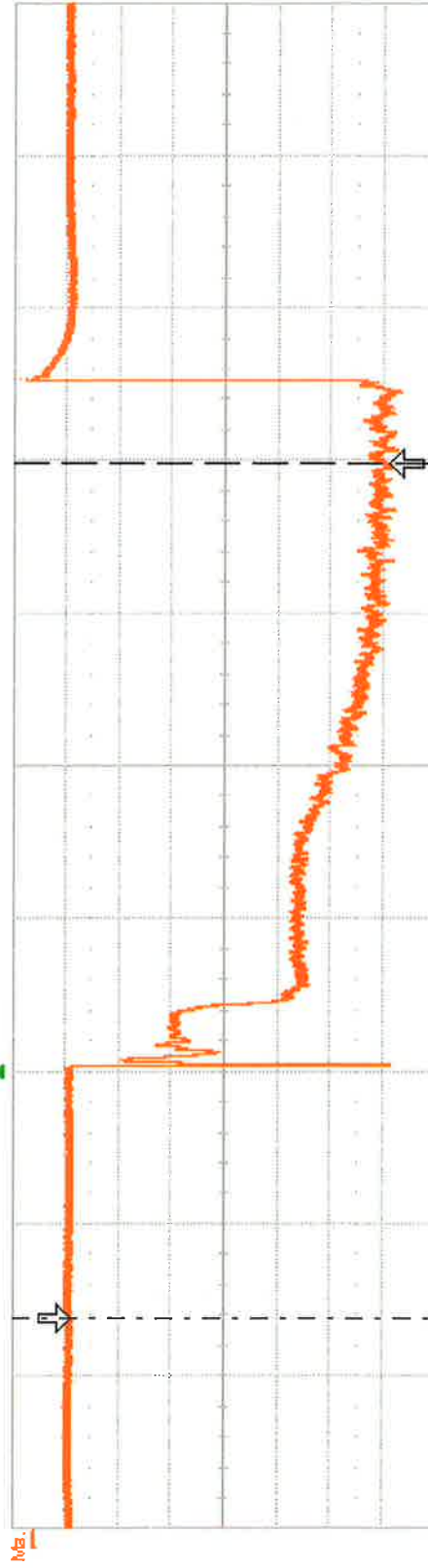
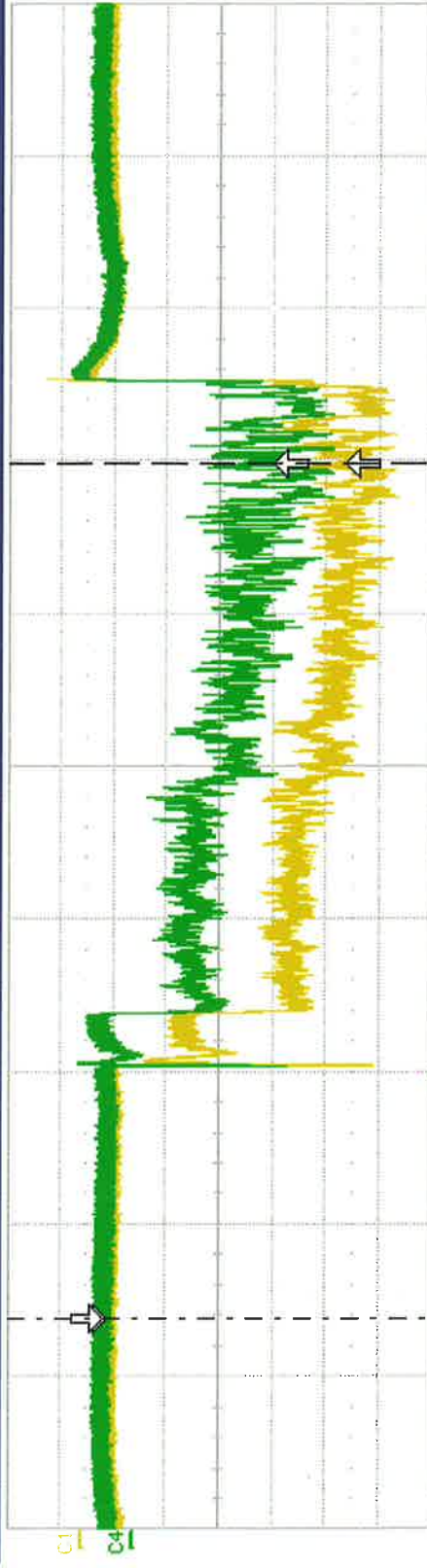
C1	DCIM	5.00 mV/div 13.00 mV ofst	↓ ↑	-2.74 mV -24.09 mV	Δy -21.35 mV
C4	OCIM	5.00 mV/div 8.00 mV ofst	↓ ↑	3.04 mV -11.44 mV	Δy -14.48 mV
Math	<C4>	4.00 mV/div 1.00 ms/div	↓ ↑	3.0419 mV -13.6395 mV	Δy -16.7014 mV

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



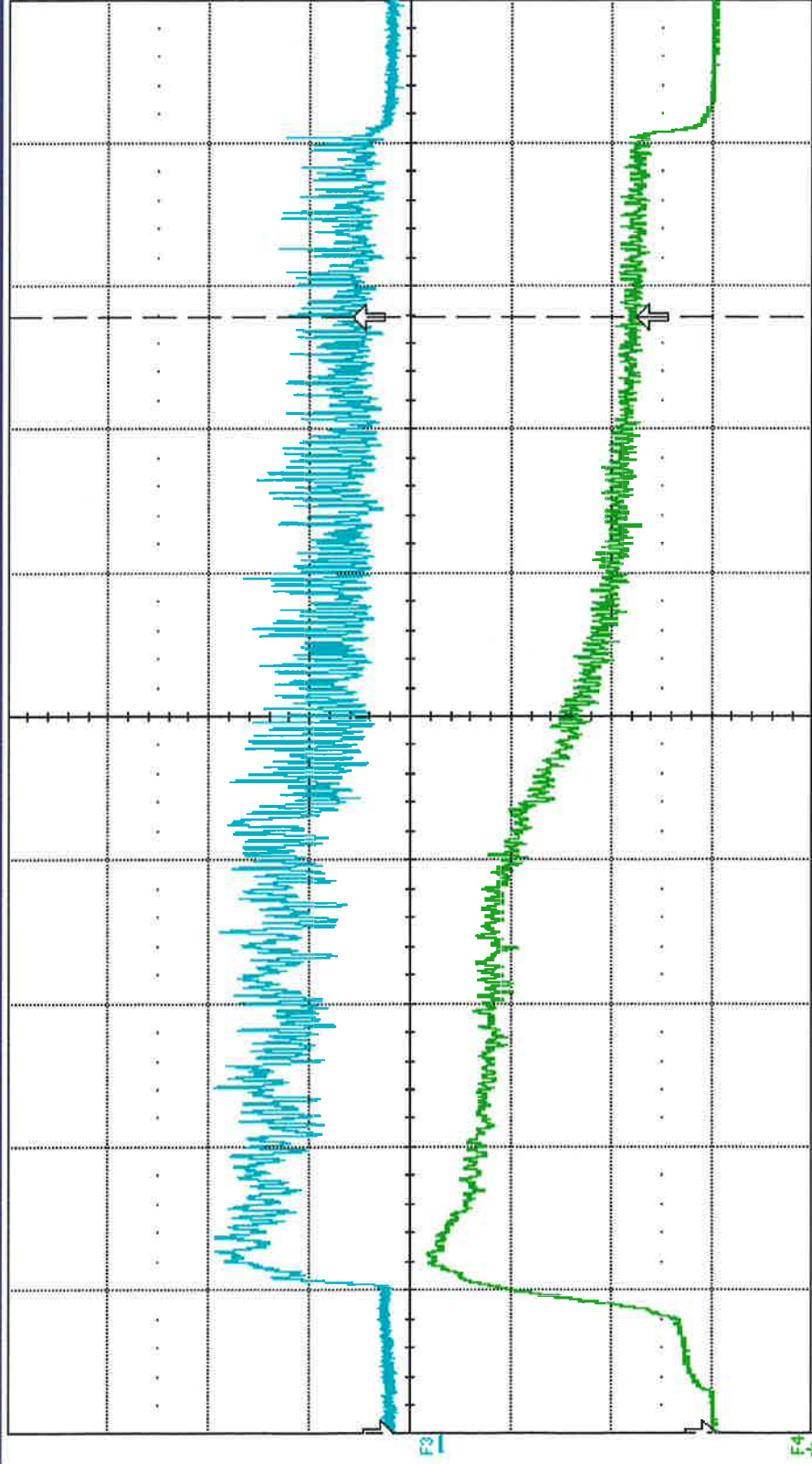
C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
↑	↑	↑	↑	↑	↑
-2.41 mV	3.17 mV	3.17 mV	3.17 mV	257 #	257 #
↑	↑	↑	↑	↑	↑
-26.95 mV	-13.11 mV	-13.11 mV	-13.11 mV	-13.2337 mV	-13.2337 mV
Δy	Δy	Δy	Δy	Δy	Δy
-24.54 mV	-16.27 mV	-16.27 mV	-16.27 mV	-16.2592 mV	-16.2592 mV

Timebase	-2.00 ms	Trigger	Edge	700 mV	Negative
1.00 ms/div	Normal	Edge	700 mV	Negative	Negative
2.00 MS	200 MS/s	ΔX=	5.596595 ms	ΔX=	178.6801 Hz
X1=	-1.623375 ms	X2=	3.973220 ms	1/ΔX=	



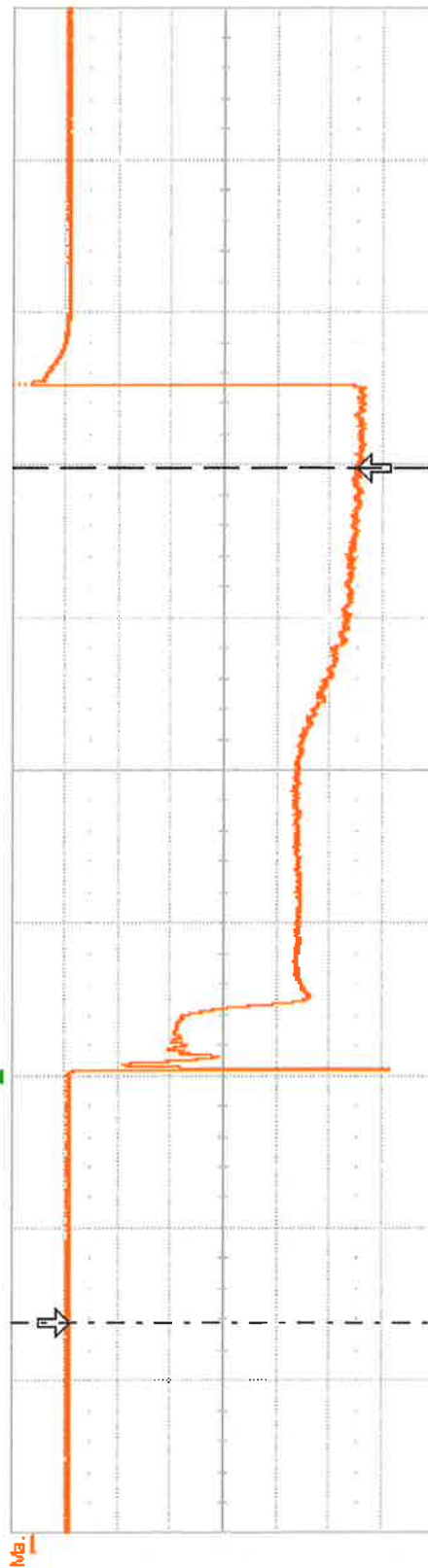
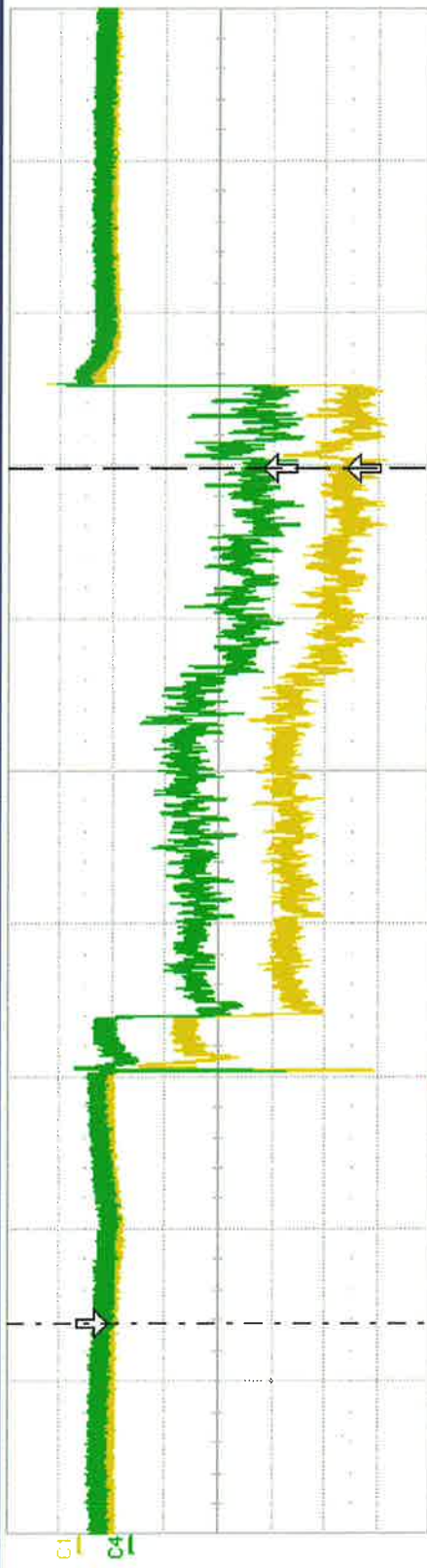
C1	DCIM	C4	DCIM	Math	<C1>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
Δy	Δy	Δy	Δy	Δy	Δy
-2.33 mV	-2.33 mV	2.99 mV	2.99 mV	-2.5313 mV	-2.5313 mV
-25.09 mV	-25.09 mV	-13.32 mV	-13.32 mV	-26.6344 mV	-26.6344 mV
-22.76 mV	-22.76 mV	-16.31 mV	-16.31 mV	-24.3031 mV	-24.3031 mV

Timebase	-2.00 ms	Trigger	Edge	500 ns	0.0
1.00 ms/div	1.00 ms/div	Normal	Normal	700 mV	700 mV
2.00 MS	2.00 MS	Edge	Edge	Negative	Negative
X1=	-1.623375 ms	ΔX=	5.596595 ms		
X2=	3.973220 ms	1/ΔX=	178.6801 Hz		



F3 script(C3,C2)		F4		<F3>	
1	2.00/div	1	1.00/div	1	1.00/div
2	500 μs/div	2	500 μs/div	2	500 μs/div
3	1.004	3	1.00067	3	62 #
4	1.746	4	1.75477	4	
5	742e-3	5	Δy	5	754.10e-3

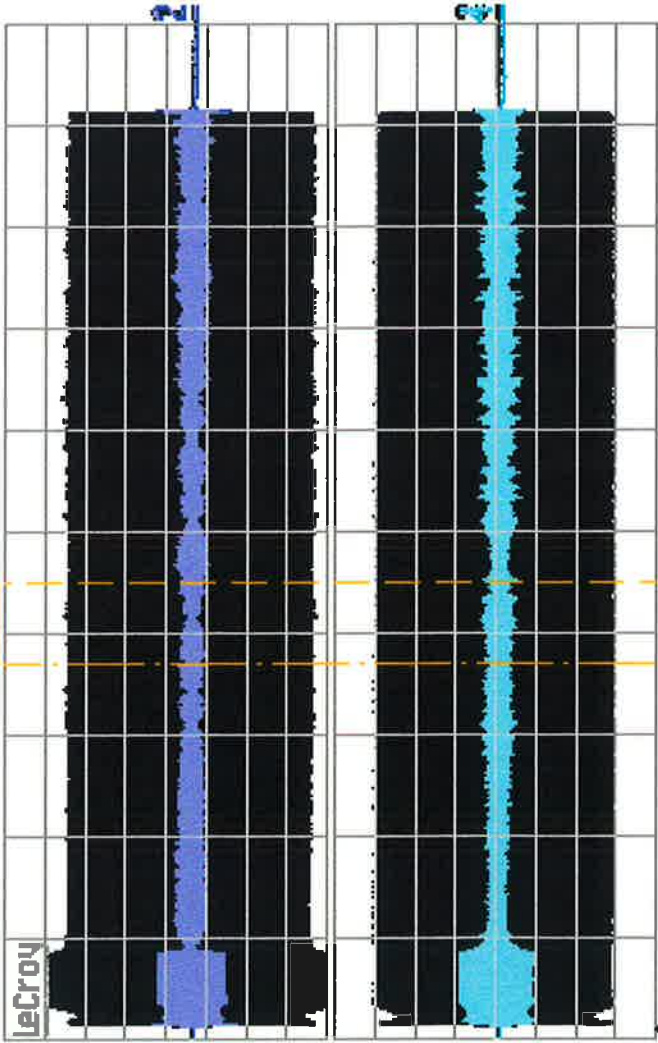
Tbase	-3.96 ms	Trigger	Ext10 DC
WStream	1.00 ms	Normal	30 mv
50.0 kS	5.0 MS/s	Edge	Negative
X1=	0.0 μs	ΔX=	3.8934 ms
X2=	3.8934 ms	1/ΔX=	256.84 Hz



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
Δy	Δy	Δy	Δy	Δy	Δy
2.44 mV	2.44 mV	2.48 mV	2.48 mV	81 #	81 #
-25.16 mV	-25.16 mV	-12.34 mV	-12.34 mV	-2.5357 mV	-2.5357 mV
-22.72 mV	-22.72 mV	-14.82 mV	-14.82 mV	-24.4473 mV	-24.4473 mV

Timebase	-2.00 ms	Trigger	ExtIO	DC
1.00 ms/div	1.00 ms/div	Normal	700 mV	Negative
2.00 MS	2.00 MS	Edge	200 MS/s	
X1=	-1.623375 ms	ΔX=	5.596595 ms	
X2=	3.973220 ms	1/ΔX=	178.6801 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

59 sweeps:

	average	low	high	sigma
rms(1)	428.5 mV	423.6	432.4	1.9
rms(2)	32.0 mV	24.2	41.8	3.5
rms(3)	411.0 mV	408.0	413.7	1.3
rms(4)	47.4 mV	38.1	55.5	3.6
phase(1,3)	78 °	76	82	1

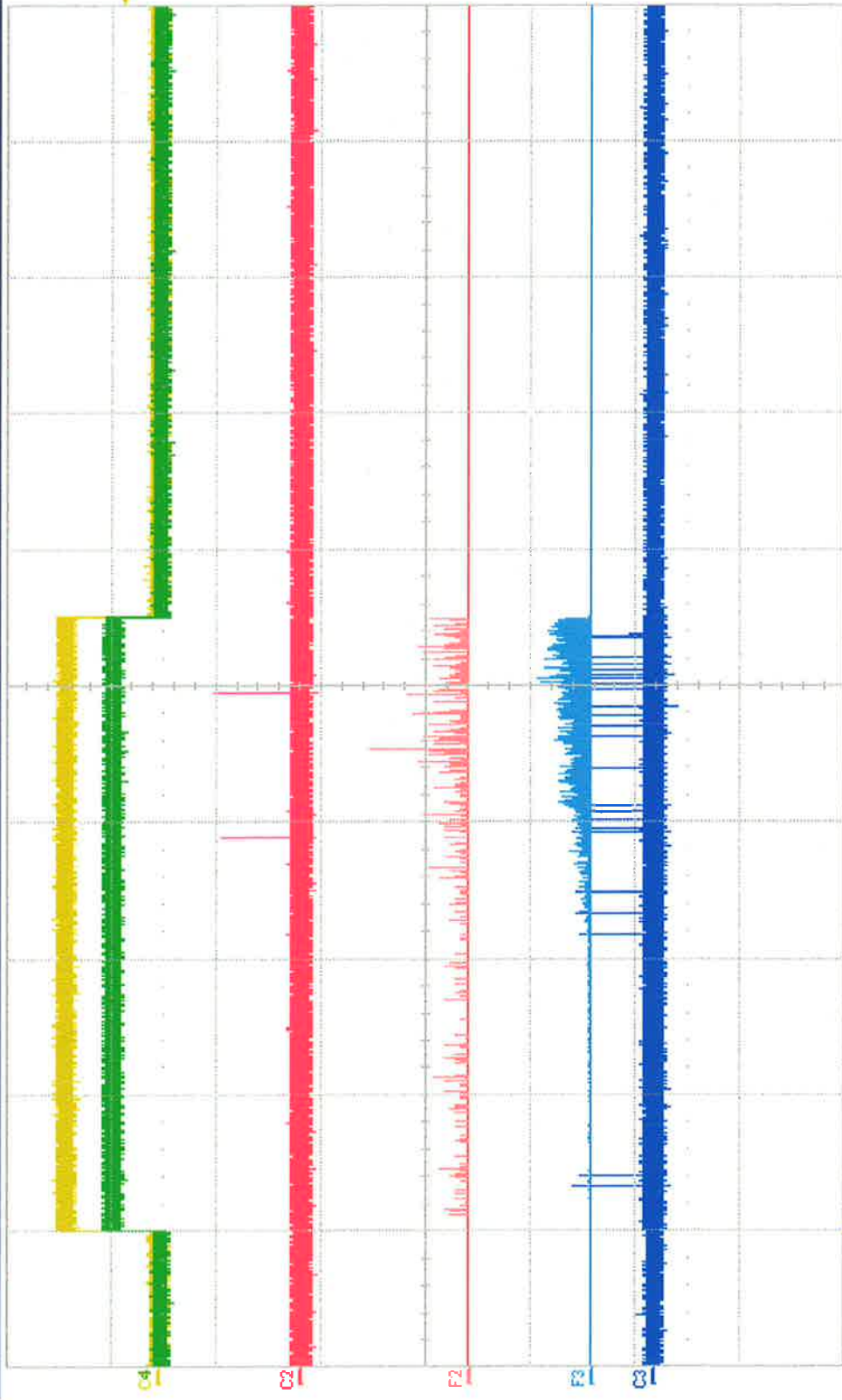
.5 ms

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

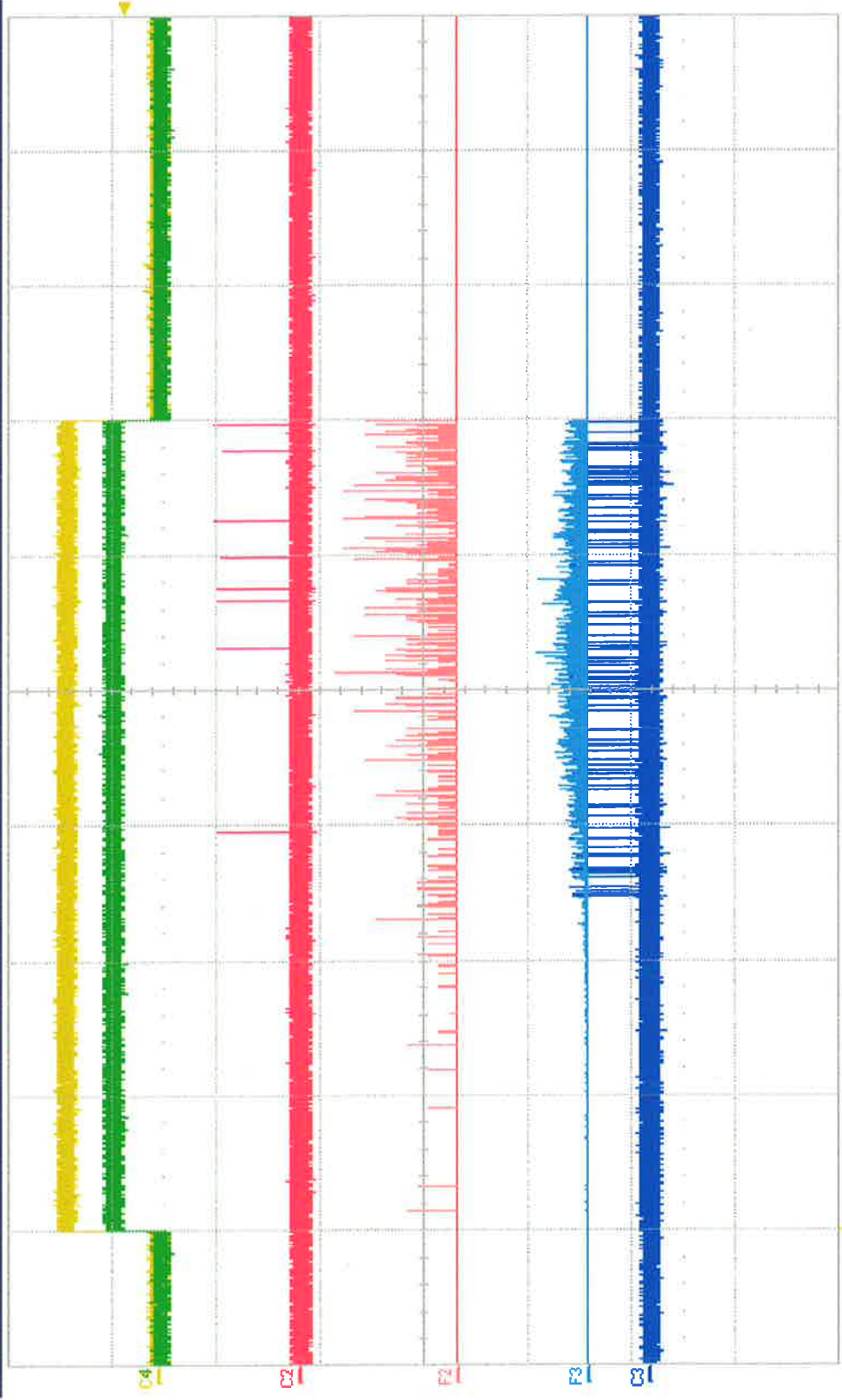


Timebase -4.00 ms Trigger C1 DC
1.00 ms/div Normal 1.85 V
500 kS 50 MS/s Edge Positive

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... 20.0 # 1.0 ms 774 #
F3 peris... 500 # 1.0 ms 24.8 k#

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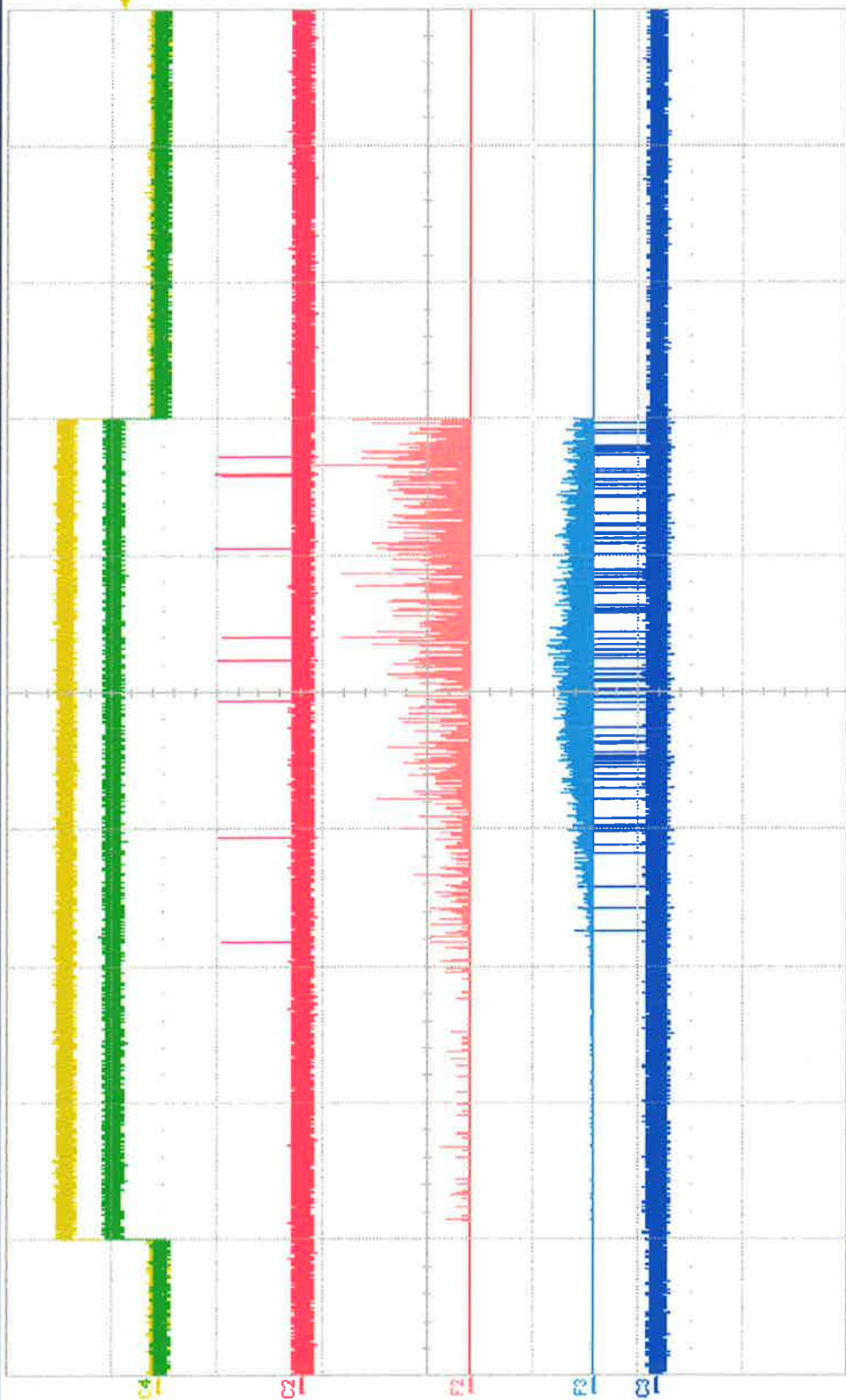


Tbase -4.00 ms
 1.00 ms/div
 500 kS
 Trigger Normal
 Edge
 C1 DC
 1.85 V
 Positive

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... 10.0 # 1.0 ms 1.00 k#
 F3 peris... 500 # 1.0 ms 37.3 k#

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Thase -4.00 ms
1.00 ms/div
500 kS

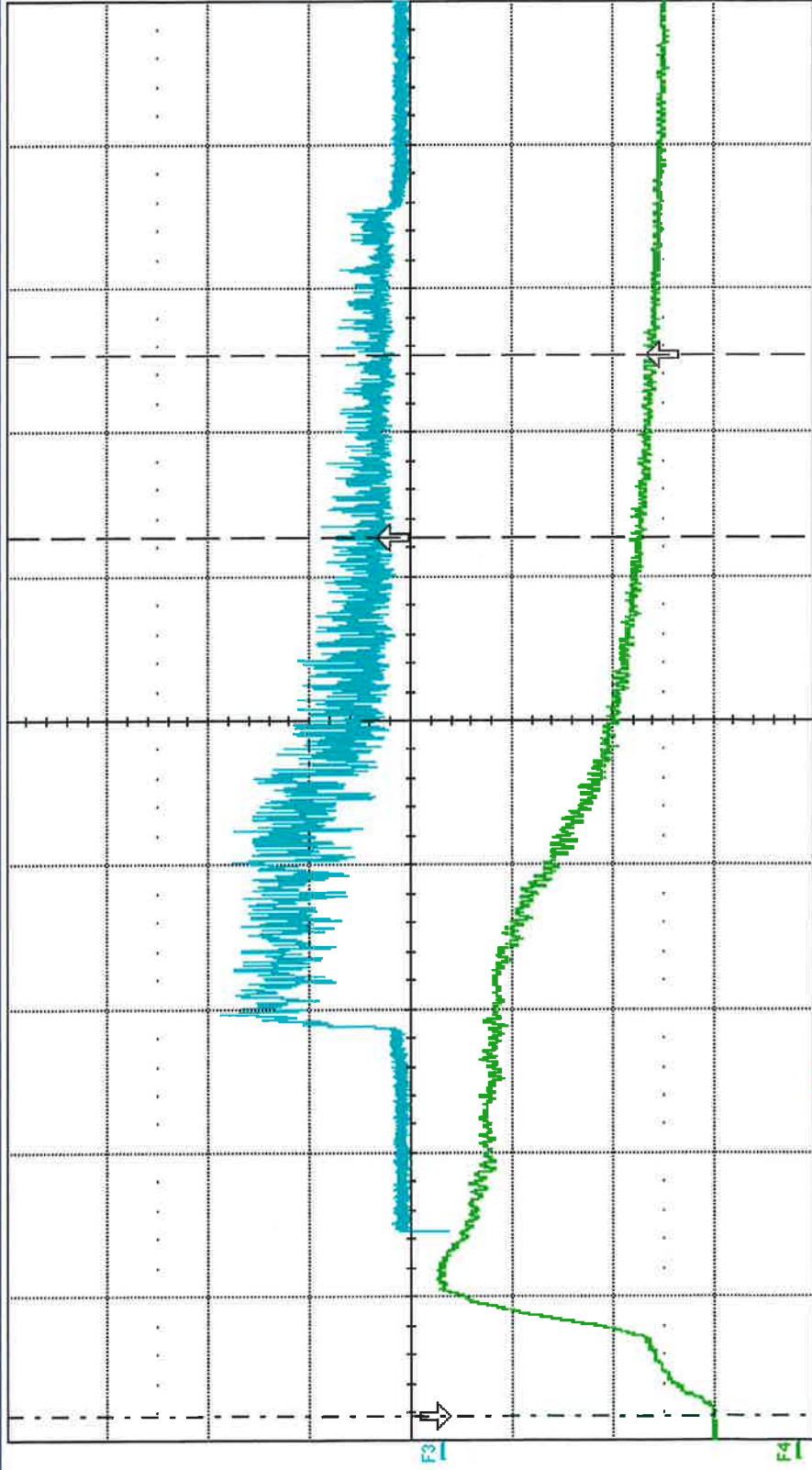
Trigger C1 DC
Normal
Edge
Positive

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... 20.0 # 1.0 ms 2.86 k#
F3 peris... 1.00 k# 1.0 ms 91.8 k#

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F3 script(C3,C2)

2.00/div

1.00 ms/div

1.253

1.48750

Δy

F4

1.00/div

500 μs/div

160 #

1.48750

Δy

<F3>

1.00/div

500 μs/div

160 #

1.48750

Δy

Tbase

-3.96 ms

Trigger Ext10 DC

WStream

1.00 ms

Normal

30 mV

50.0 kS

5.0 MS/s

Edge

Negative

X1=

-2.3218 ms

ΔX=

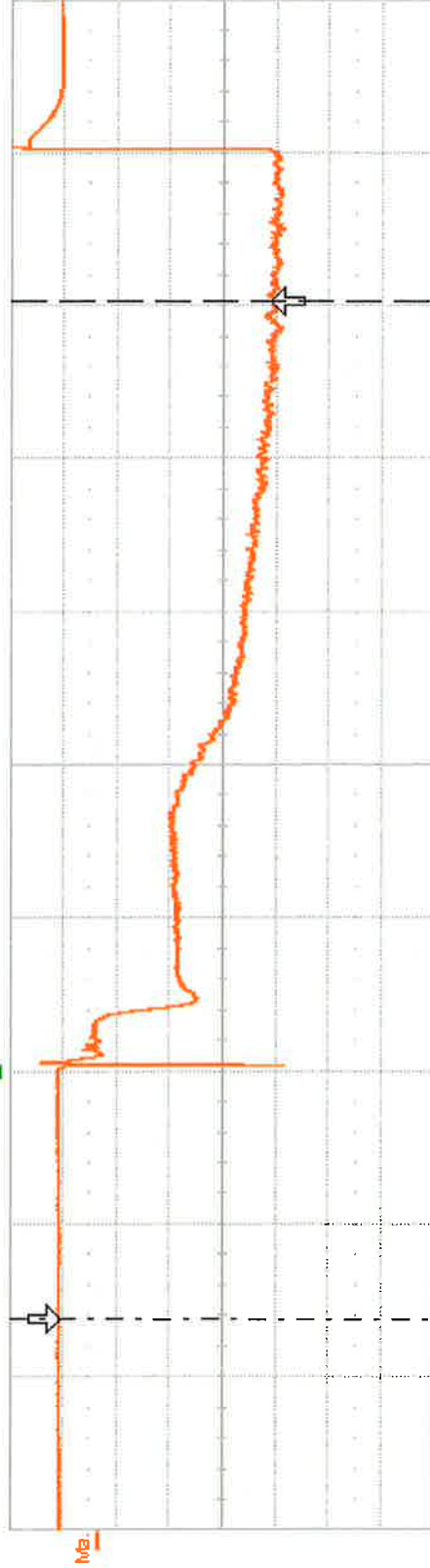
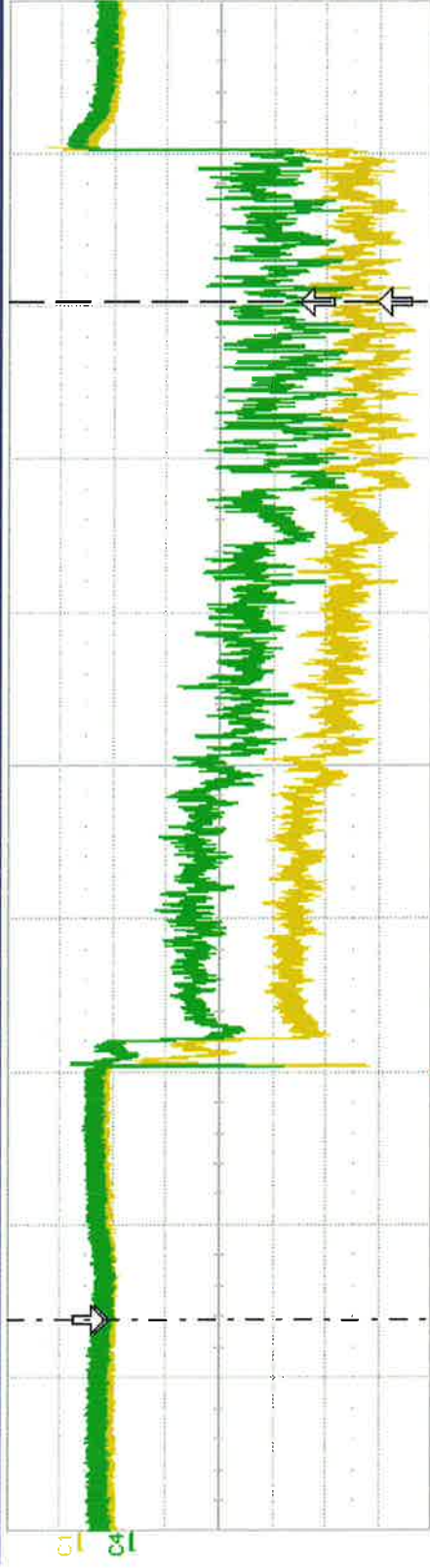
6.0912 ms

X2=

3.7694 ms

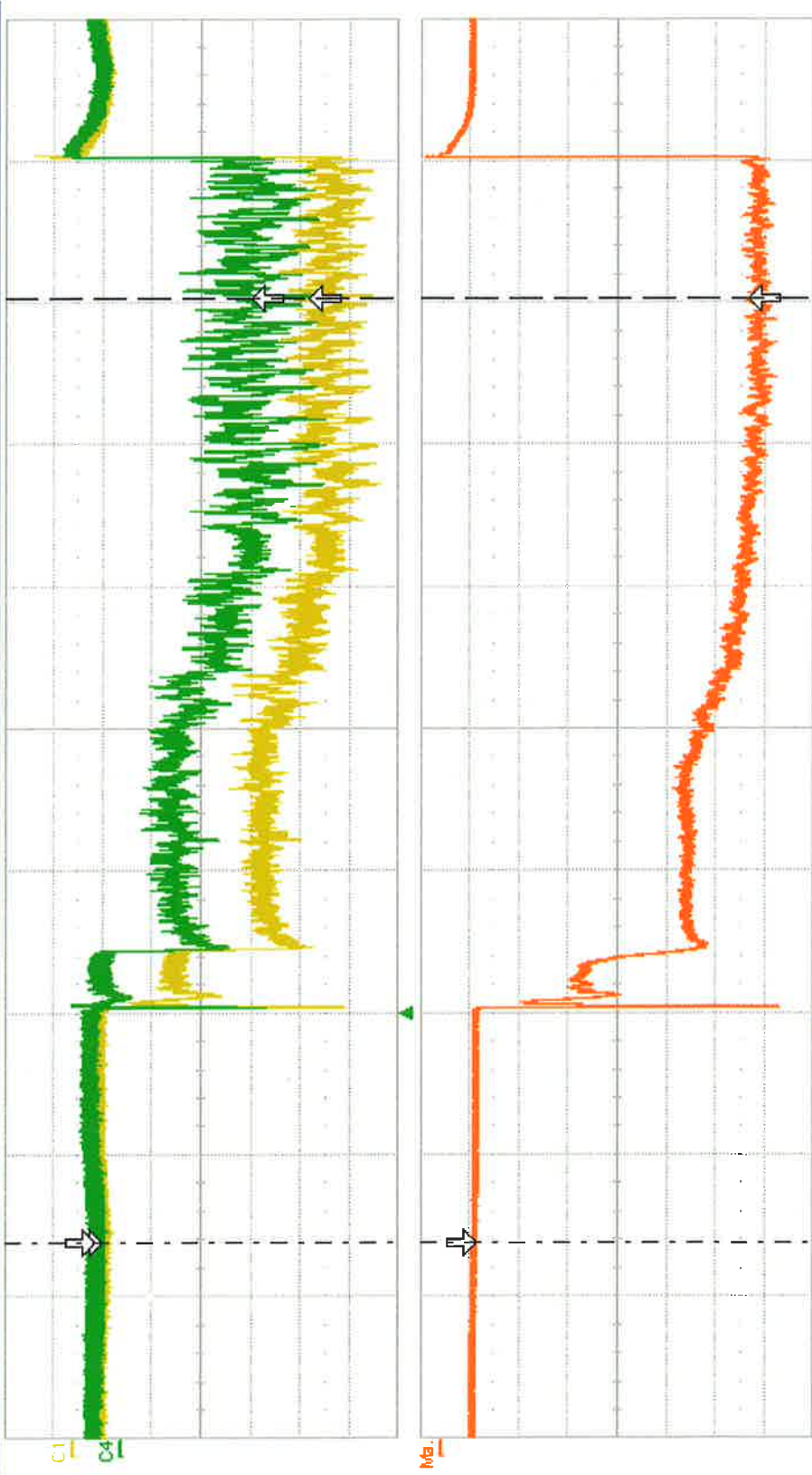
1/ΔX=

164.171 Hz

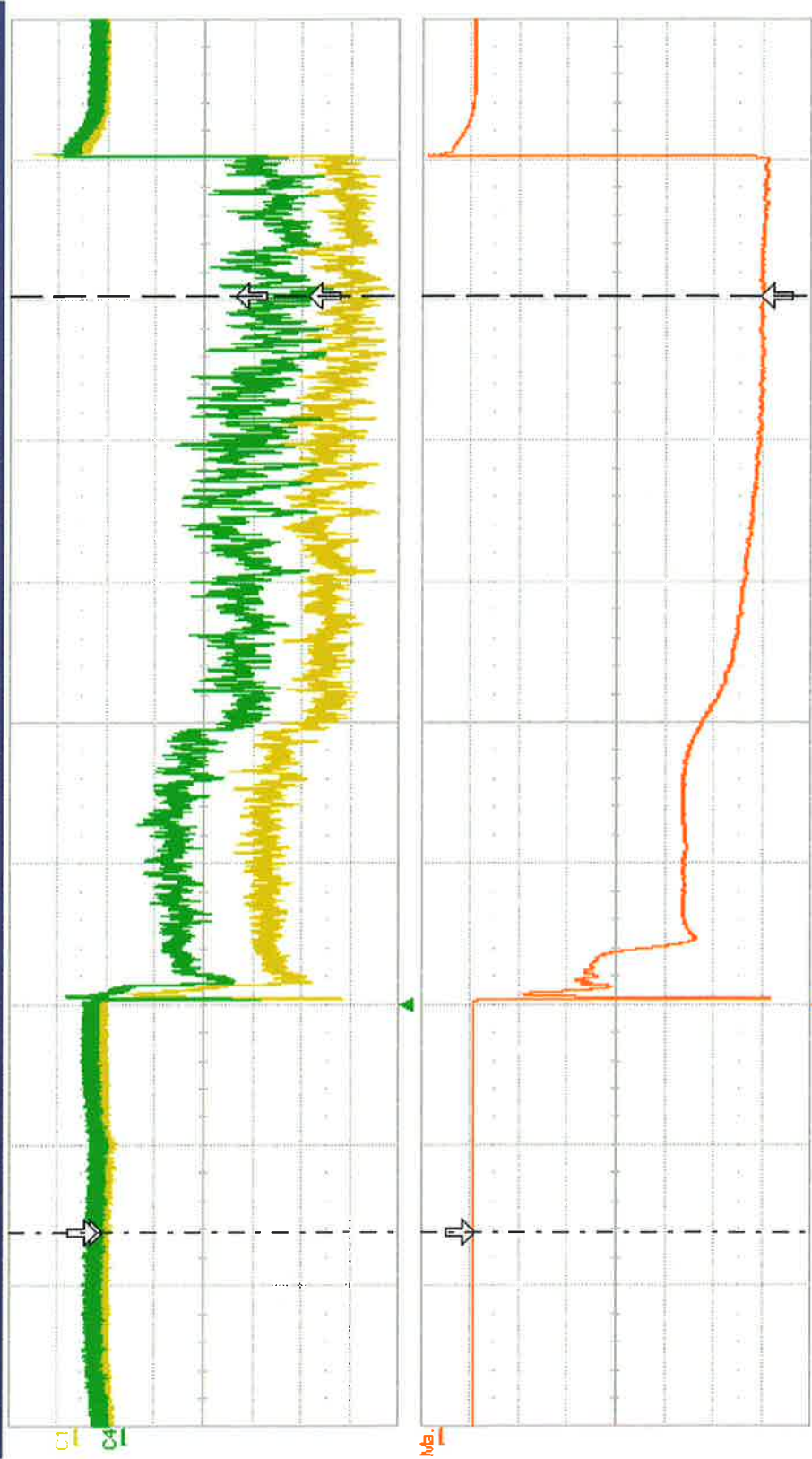


C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div	1.00 mV/div
↓	↓	↓	↓	↓	↓
2.50 mV	2.50 mV	2.94 mV	2.94 mV	3.0873 mV	3.0873 mV
↑	↑	↑	↑	↑	↑
-28.11 mV	-28.11 mV	-15.74 mV	-15.74 mV	-13.0726 mV	-13.0726 mV
Δy	Δy	Δy	Δy	Δy	Δy
-25.61 mV	-25.61 mV	-18.68 mV	-18.68 mV	-16.1598 mV	-16.1598 mV

Timebase	-2.00 ms	Trigger	Ext10	DC
1.00 ms/div	1.00 ms/div	Normal	700 mV	700 mV
2.00 MS	2.00 MS	Edge	Negative	Negative
X1=	-1.623375 ms	ΔX=	6.648055 ms	
X2=	5.024680 ms	1/ΔX=	150.4199 Hz	

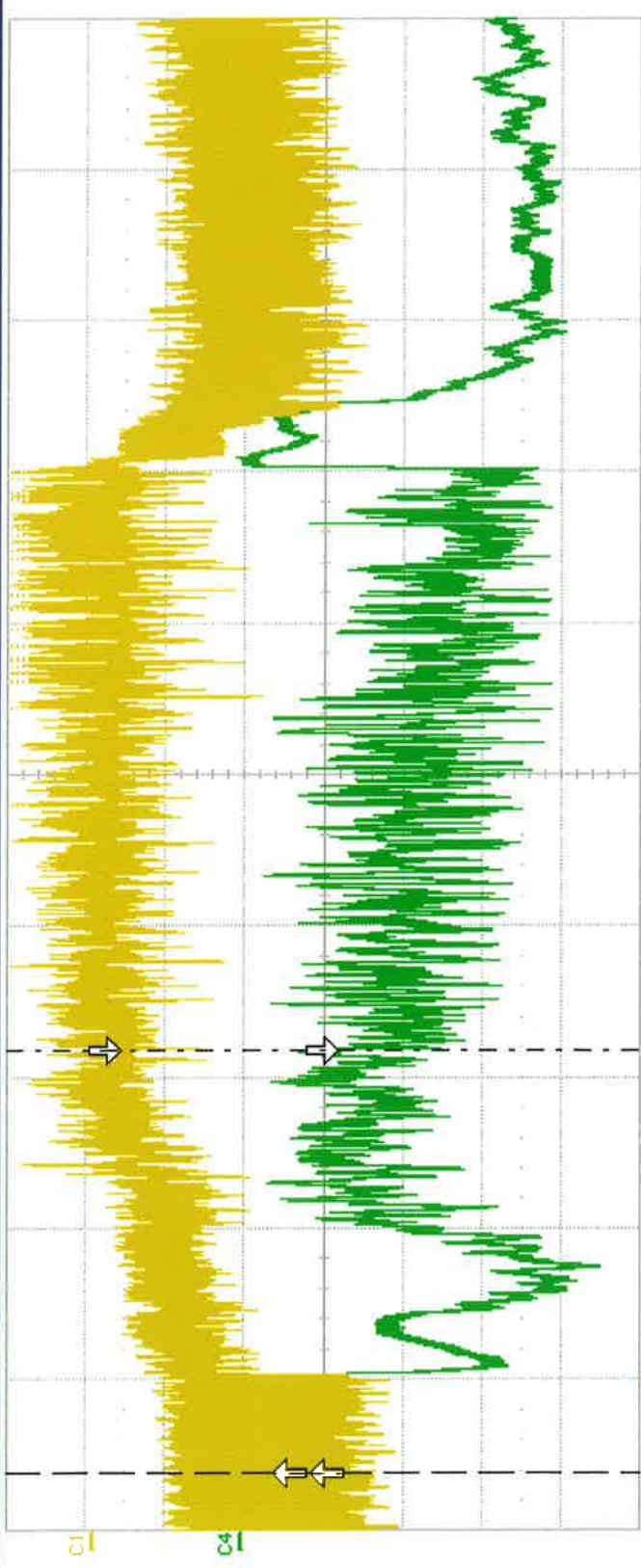


C1	DCIM	5.00 mV/div	13.00 mV ofst	↓	-2.82 mV	↑	-23.99 mV	Δy	-21.18 mV
C4	DCIM	5.00 mV/div	8.00 mV ofst	↓	2.82 mV	↑	-13.31 mV	Δy	-16.14 mV
Math	<C1>	4.00 mV/div	1.00 mV ofst	↓	-2.8986 mV	↑	-25.1408 mV	Δy	-22.4442 mV
Timebase	-2.00 ms	1.00 mV/div	2.00 MS	200 MS/s	Normal	Edge	Negative	Trigger	Ex710
X1	-1.623375 ms	ΔX	6.648055 ms						
X2	5.024680 ms	1/ΔX	150.4199 Hz						



C1	DCIM	C4	DCIM	Math	<C1>
5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div		
13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV/div		
1	-2.46 mV	1	-2.5307 mV	483 #	
1	-23.96 mV	1	-26.2917 mV		
Δy	-21.49 mV	Δy	-23.7610 mV		

Timebase	-2.00 ms	Trigger	Edge	Exc/10	DC
1.00 ms/div		Normal		700 mV	
2.00 MS		Edge		Negative	
X1=	-1.623375 ms	$\Delta X=$	6.648055 ms		
X2=	5.024680 ms	1/ $\Delta X=$	150.4199 Hz		



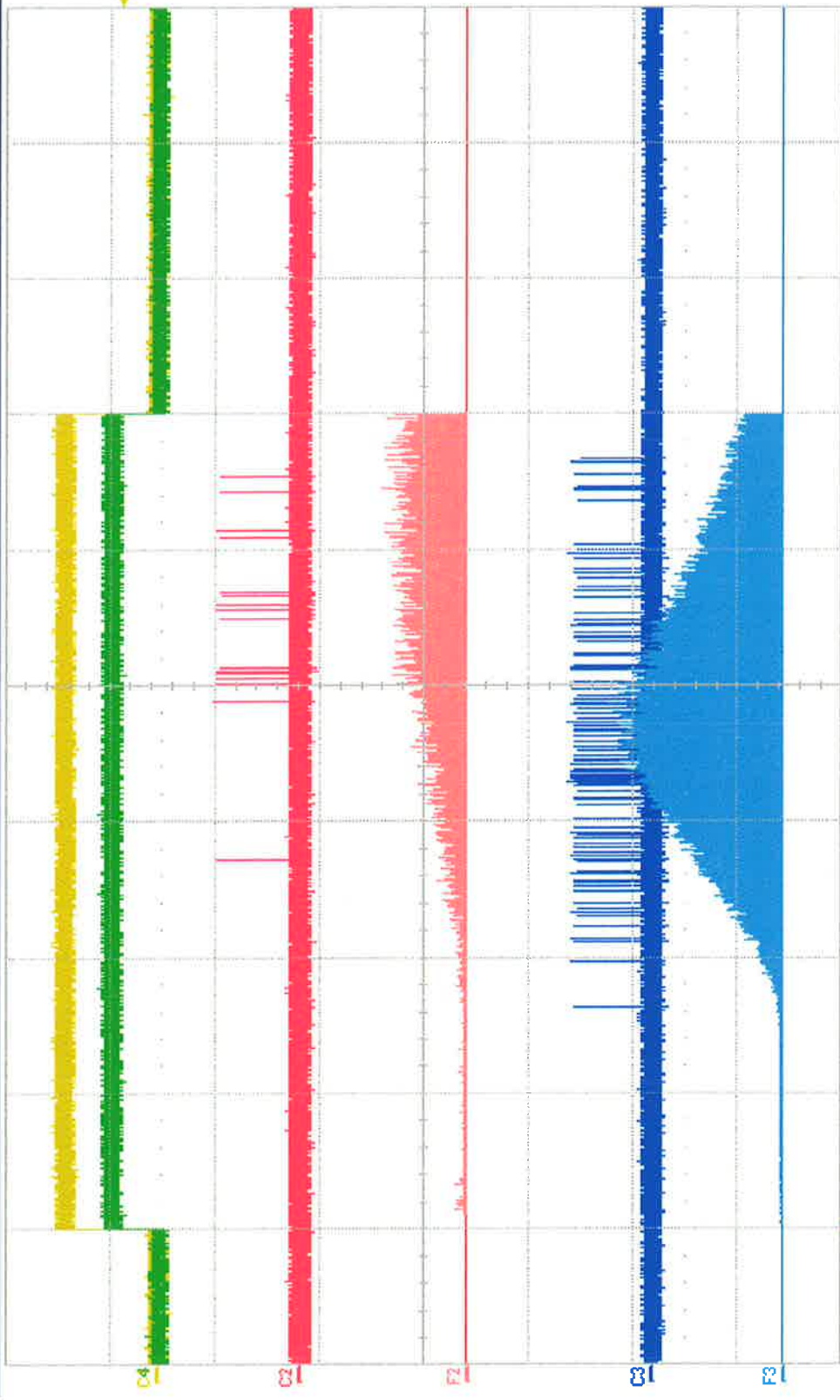
Measure		P1:ampl(C1)	P2:ampl(C4)	P3:---	P4:---	P5:---	P6:---
value		> 988 mV	249.3 V				
mean		> 999.71 mV	> 396.44 V				
min		> 315 mV	> 105 V				
max		> 1.169 V	> 509 V				
sdev		> 112.51 mV	> 98.97 V				
num		6.511e+3	6.510e+3				
status		⚡↑	✓				

Timebase		Trigger	
250 KS	-4.00 ms	Normal	Edge
1.00 ms/div	25 MS/s	Normal	Edge
		Normal	Edge

X1=	2.18204 ms	ΔX=	-2.79600 ms
X2=	-613.96 μs	1/ΔX=	-357.654 Hz

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C1	DCIM	C4	DCIM
200.0 mV/div	100 V/div	103.0 V offset	103.0 V offset
580.0 mV offset	103.0 V offset	-118.2 V	-118.2 V
1	1	40.9 V	40.9 V
Δy	Δy	77.3 V	77.3 V

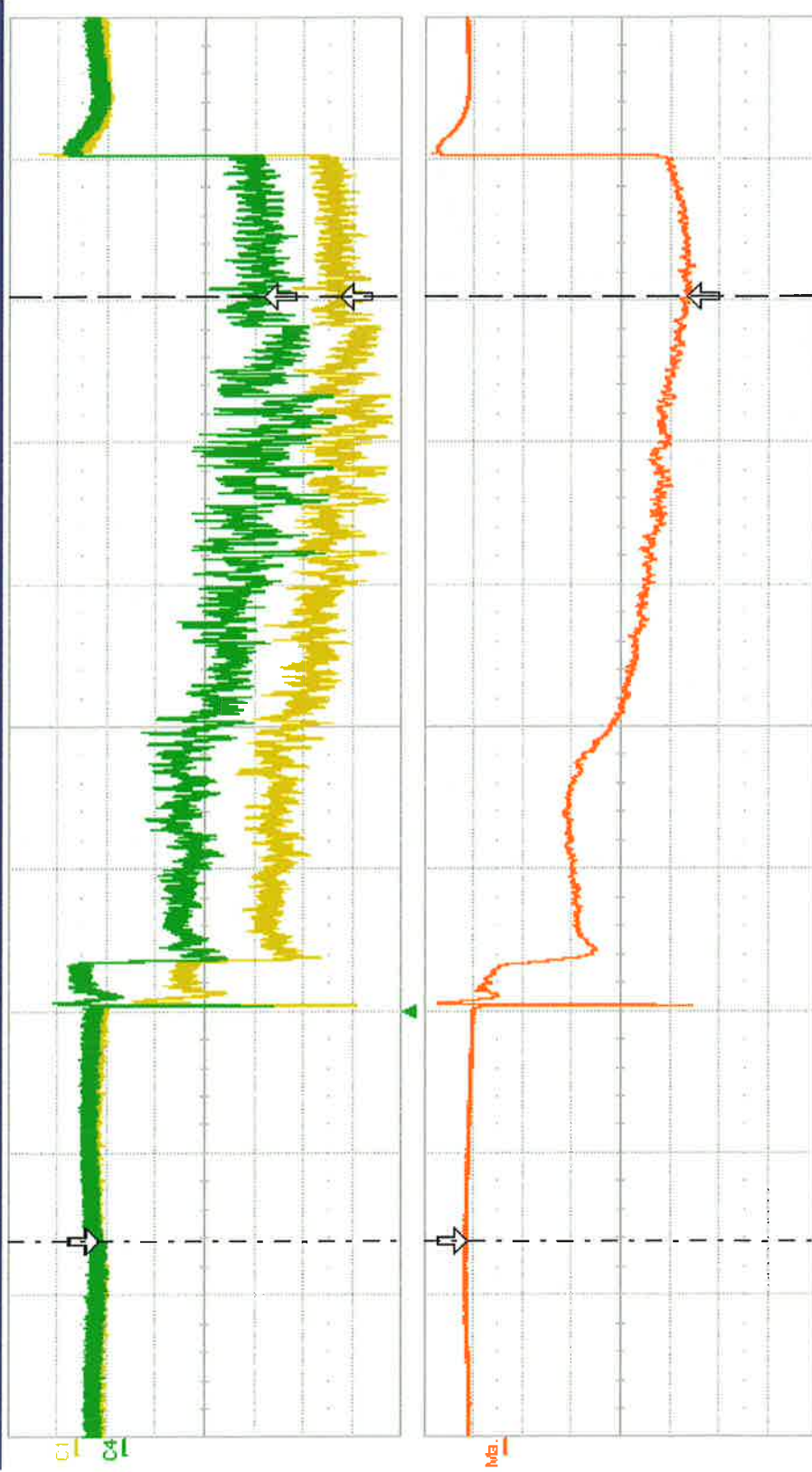


Thase -4.00 ms Trigger C1 DC
 1.00 ms/div Normal 1.65 V
 500 kS 50 MS/s Edge Positive

C1 C1 5.00 V 12.70 V
 C2 C2 5.00 V 5.95 V
 C3 C3 5.00 V -11.0 V
 C4 C4 10.0 V 25.30 V
 F2 peris... 200 # 1.0 ms 36.5 k#
 F3 peris... 2.00 k# 1.0 ms 772 k#

TELEDYNE LECROY

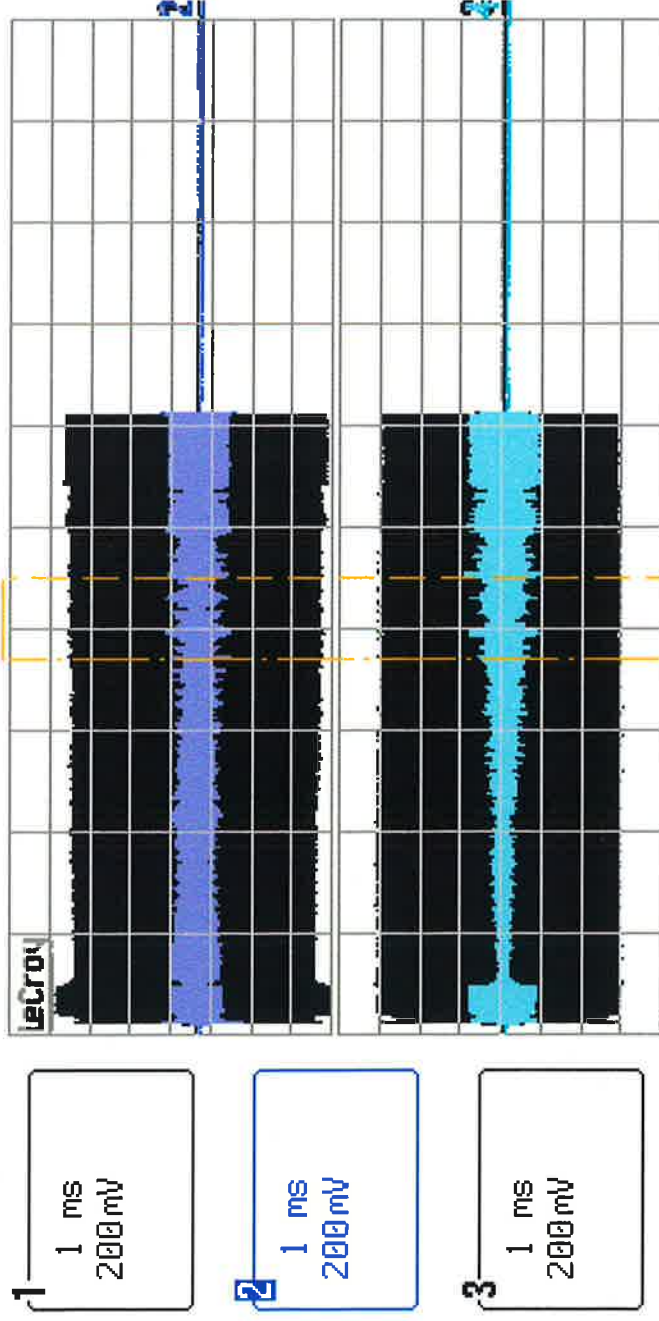
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C1	DCIM	C4	DCIM	Math	<C4>
5.00 mV/div	5.00 mV/div	5.00 mV/div	4.00 mV/div	4.00 mV/div	4.00 mV/div
13.00 mV ofst	8.00 mV ofst	8.00 mV ofst	1.00 mV ofst	1.00 mV ofst	1.00 mV ofst
↓ -1.84 mV	↓ 2.87 mV	↓ 3.3750 mV	↓ 3.3750 mV	↓ 3.3750 mV	↓ 3.3750 mV
↑ -26.97 mV	↑ -14.12 mV	↑ -14.8091 mV	↑ -14.8091 mV	↑ -14.8091 mV	↑ -14.8091 mV
Δy -25.13 mV	Δy -17.00 mV	Δy -18.1751 mV	Δy -18.1751 mV	Δy -18.1751 mV	Δy -18.1751 mV

Timebase	-2.00 ms	Trigger	Edge	Est/IO	DC
2.00 MS	1.00 ms/div	Normal	Edge	700 mV	Negative
X1=	-1.623375 ms	ΔX=	6.648055 ms		
X2=	5.024680 ms	1/ΔX=	150.4199 Hz		

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12 sweeps:

	average	low	high	sigma
rms(1)	435.5 mV	433.4	437.4	1.3
rms(2)	69.1 mV	62.1	77.5	3.8
rms(3)	409.6 mV	408.4	410.8	0.7
rms(4)	75.1 mV	68.2	80.5	4.0
phase(1,3)	0.07 k°	0.03	0.13	0.04

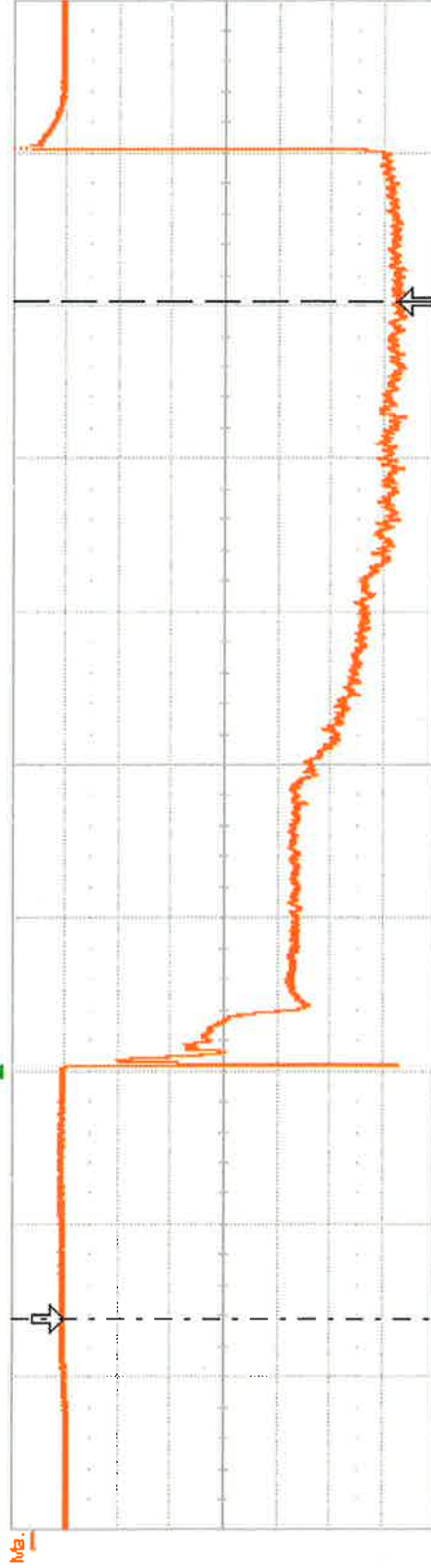
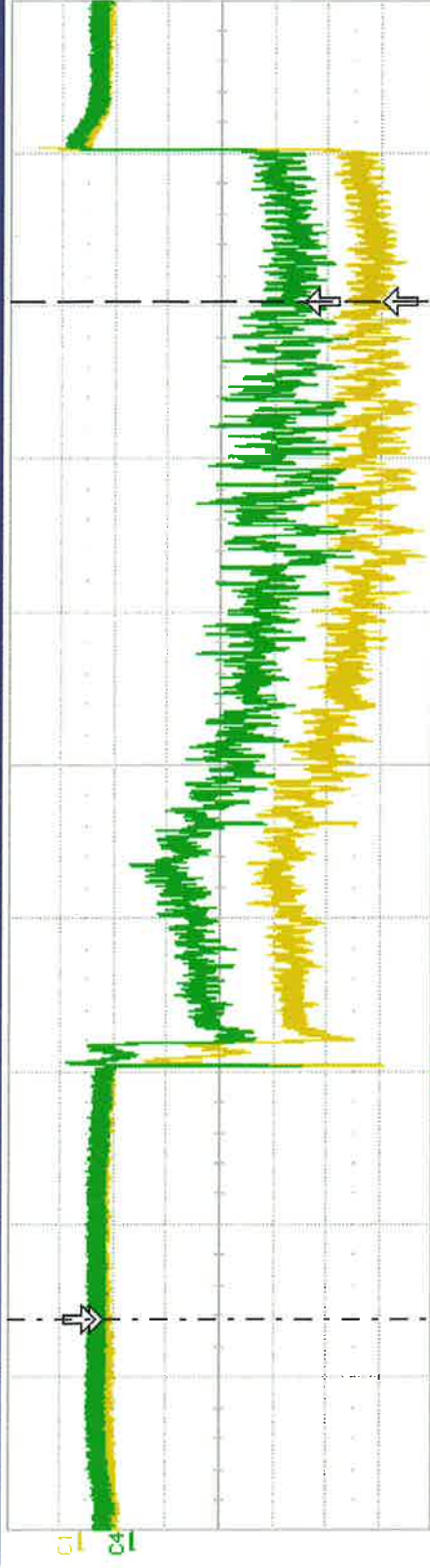
1 ms

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

10 MS/s

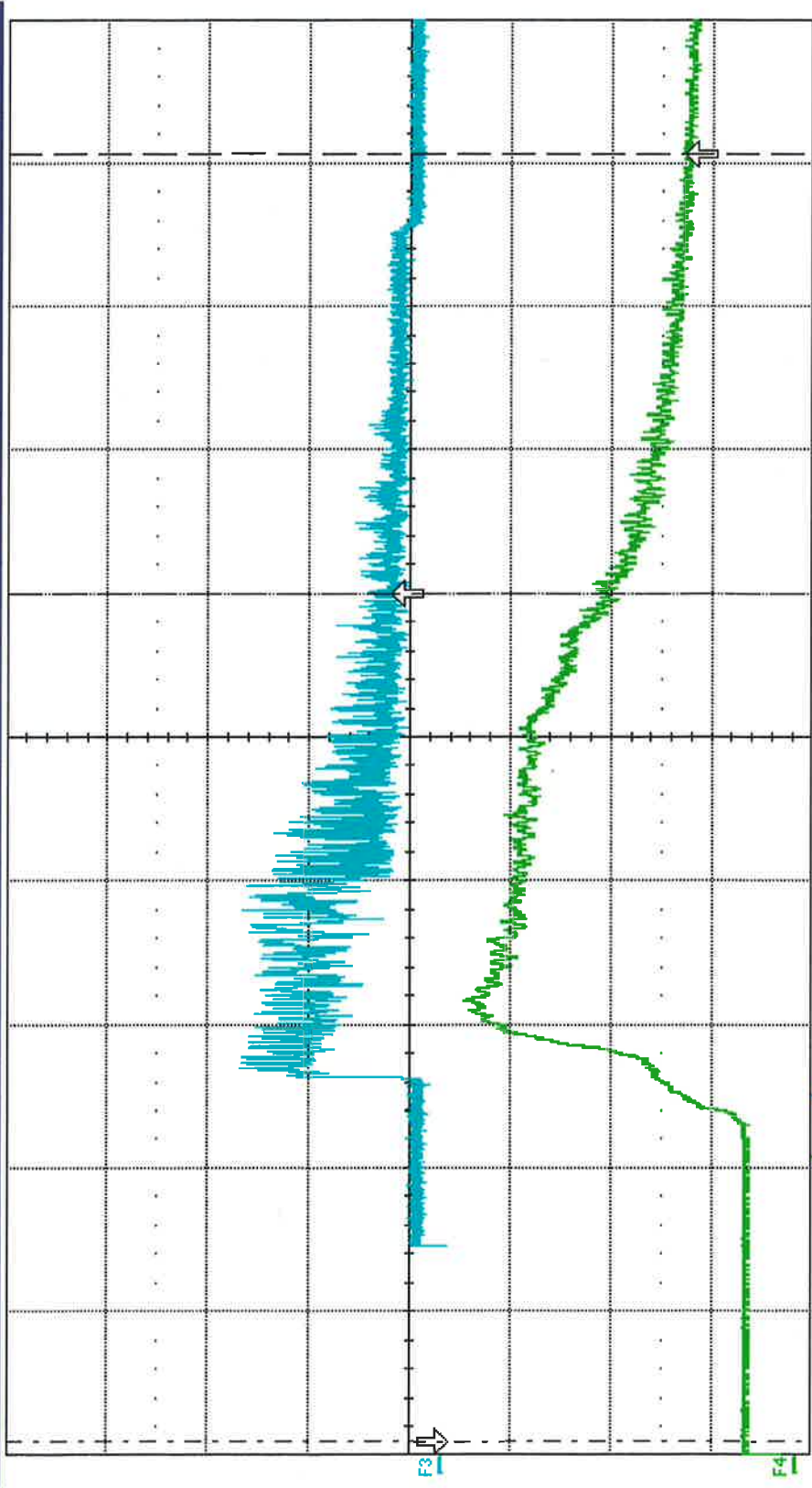
Ext10 DC 0.15 V 50Ω

☐ 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 ofst	1.00 mV ofst
↓	↓	↓	↓	↓	↓
-1.93 mV	3.85 mV	3.85 mV	3.85 mV	-2.0625 mV	27 #
↑	↑	↑	↑	↑	↑
-28.45 mV	-16.15 mV	-16.15 mV	-16.15 mV	-27.5431 mV	-27.5431 mV
Δy	Δy	Δy	Δy	Δy	Δy
-26.52 mV	-20.00 mV	-20.00 mV	-20.00 mV	-25.4806 mV	-25.4806 mV

Timebase	-2.00 ms	Trigger	Edge	Normal	700 mV	Negative
2.00 MS	200 MS/s	200 MS/s	Edge	Normal	700 mV	Negative
X1=	-1.623375 ms	ΔX=	6.648055 ms			
X2=	5.024680 ms	1/ΔX=	150.4199 Hz			



Tbase -3.96 ms Trigger ExtIO DC
 WStream 1.00 ms Normal 30 mV
 50.0 kS/s 5.0 MS/s Edge Negative
 X1= -2.4054 ms ΔX= 5.8964 ms
 X2= 3.4910 ms 1/ΔX= 169.595 Hz

F3 script(C3,C2) F4 <F3>
 2.00V/div 1.00V/div
 1.00ms/div 500 μs/div
 985e-3 63 #
 Δy 1.10988 Δy