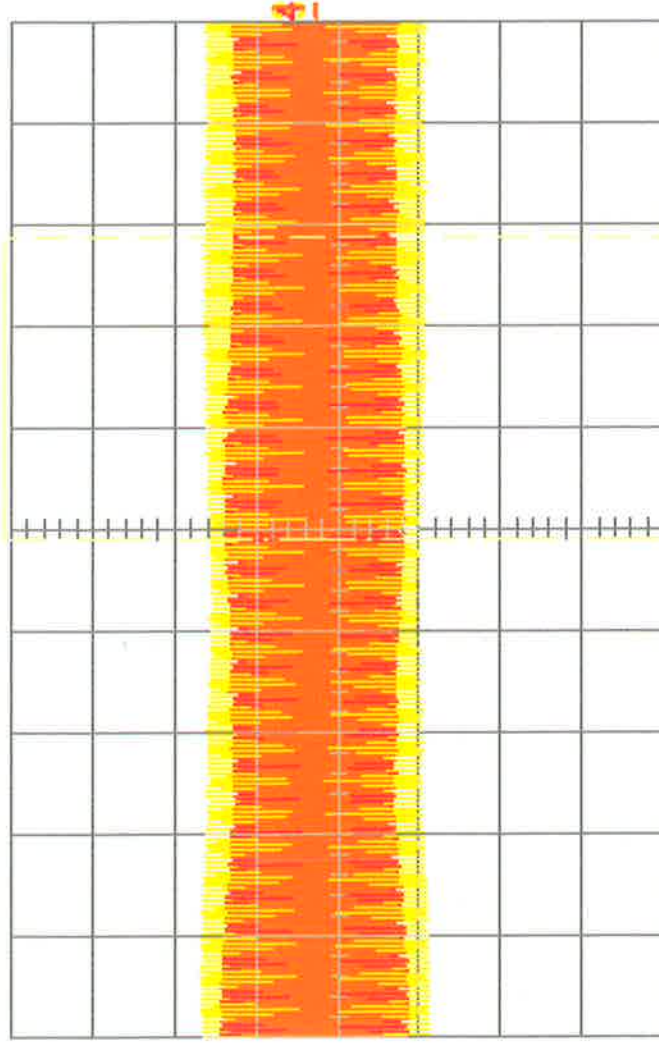


C1	DCIM	200 mV/div	360.0 mV ofst	↑	-437.7 mV	Δy	-266.3 mV
		5.00 mV/div	11.00 mV ofst	↑	-500 μV		-720 μV
C3	DCIM	5.00 mV/div	11.00 mV ofst	↑	-500 μV	Δy	-720 μV
C4	DCIM	100 V/div	302.0 V ofst	↑	-467.6 V	Δy	-361.7 V
	Math	180 V/div	500 μs/div	↑	-443.723 V	Δy	-268.423 V
		227 #		↑	-268.423 V		154.300 V
Timebase	-2.00 ms	500 μs/div	200 MS/s	Normal	Edge	Ex210	DC
	1.00 MS	700 mV	Negative				
	X1= 67.225 μs	ΔX= -47.795 μs					
	X2= 19.430 μs	1/ΔX= -20.923 kHz					

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3 5 μ s
1.00 V



← 1.1290 ms

4 5 μ s
1.00 V

4087 sweeps: average low high sigma
phase(4,3) -98.2° -110.0 -85.2 2.6
rms(1) 13.6mV 13.0 14.2 0.2
rms(2) 13.5mV 12.8 14.2 0.3
rms(4) 611mV 520 810 45
rms(3) 0.747 V 0.646 1.005 0.064

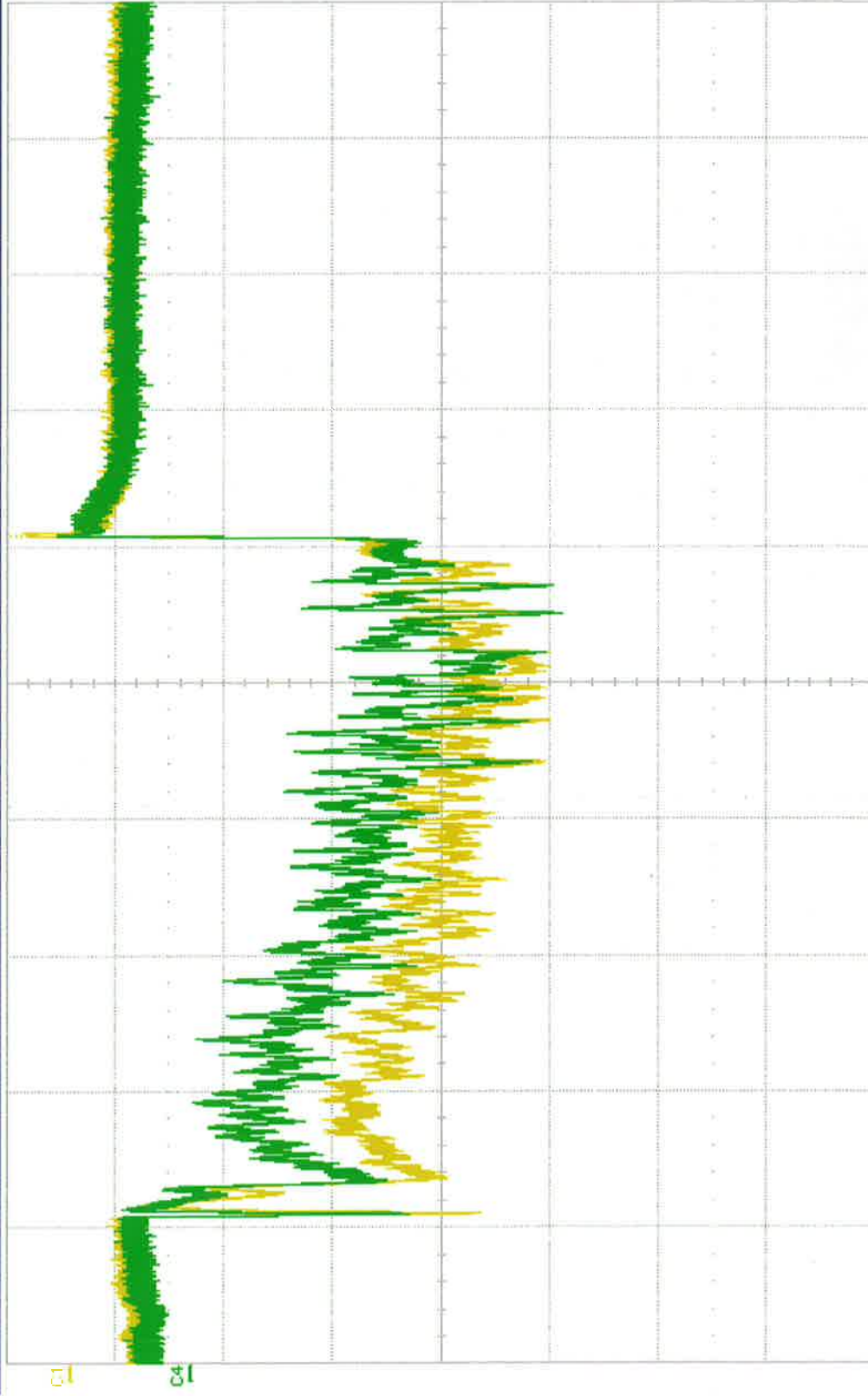
5 μ s

1 .5 V DC
2 .5 V DC
3 1 V DC
4 1 V DC

1 GS/s

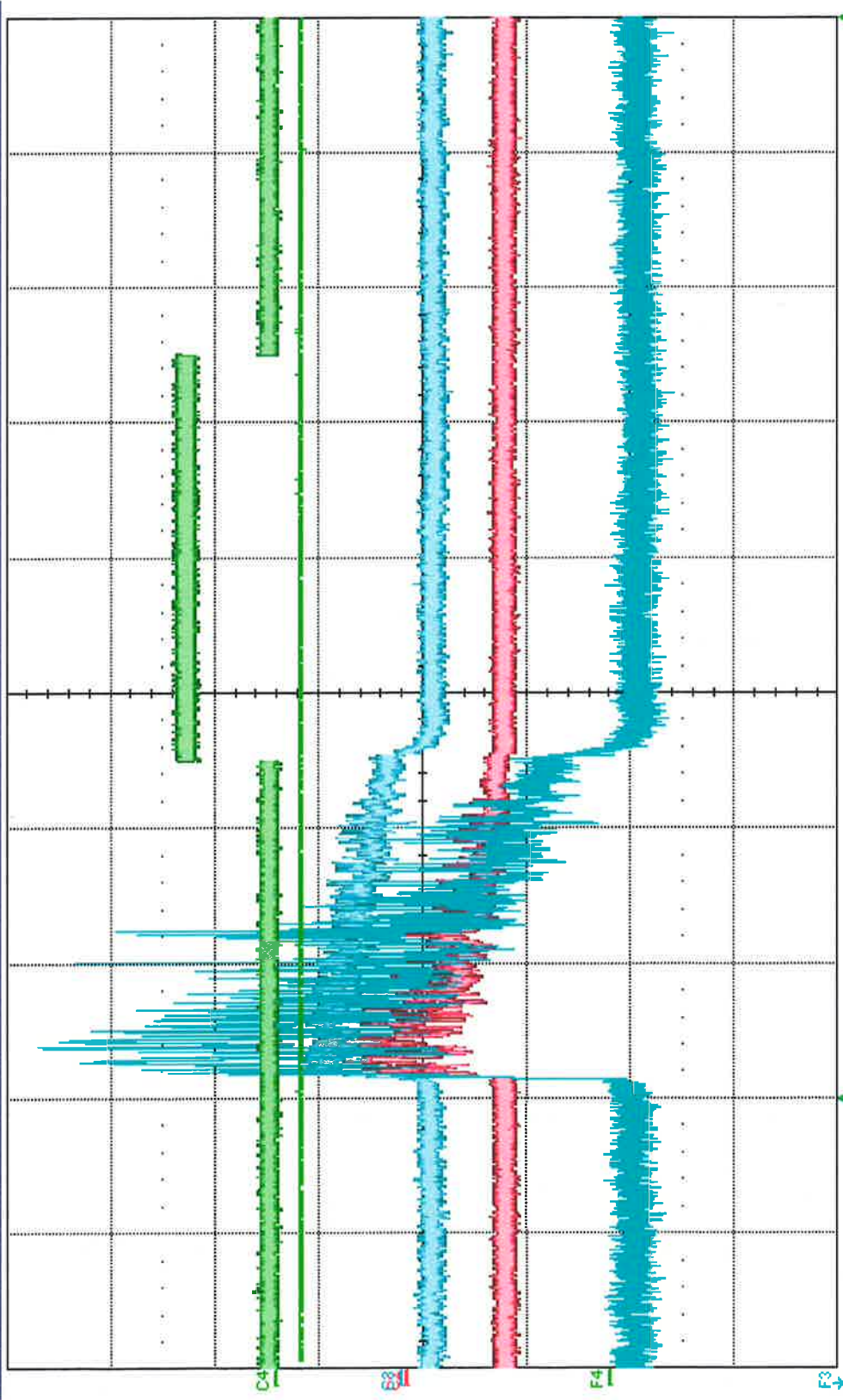
Ext10 DC 0.15 V 50 Ω

☐ NORMAL



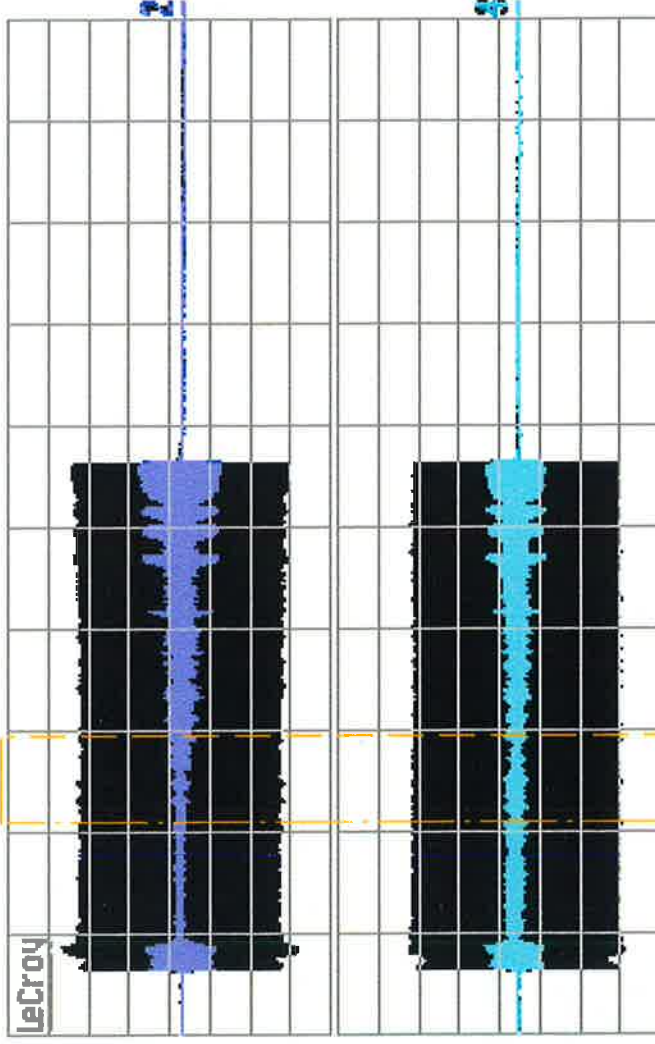
C1 DCIM 5.00 mV/div 17.00 mV ofst
C4 DCIM 5.00 mV/div 11.50 mV ofst

Timebase -1.99 ms 500 μ s/div 250 kS 50 MS/s
Trigger Ext 10 DC Normal Edge Negative



C2	C3	C4	F3	F4	Tbase	Trigger
500 mV/div 75 mV offset	500 mV/div 100 mV offset	500 mV/div 7.05 V offset	script(C3,C2) 500e-3/div 1.00 ms/div	4F3 400e-3/div 200 μs/div	-3.00 ms WStream 1.00 ms 50.0 kS 5.0 MS/s	Ext70 DC Normal 30 mV Edge Negative

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1 .5 ms
200 mV

2 .5 ms
200 mV

3 .5 ms
200 mV

4 .5 ms
200 mV

334 sweeps:

	average	low	high	sigma
rms(1)	351.6 mV	346.2	358.2	2.0
rms(2)	28.5 mV	18.9	36.5	2.9
rms(3)	357.8 mV	354.4	362.2	1.5
rms(4)	24.4 mV	18.7	32.1	2.4
phase(1,3)	80 °	76	84	1

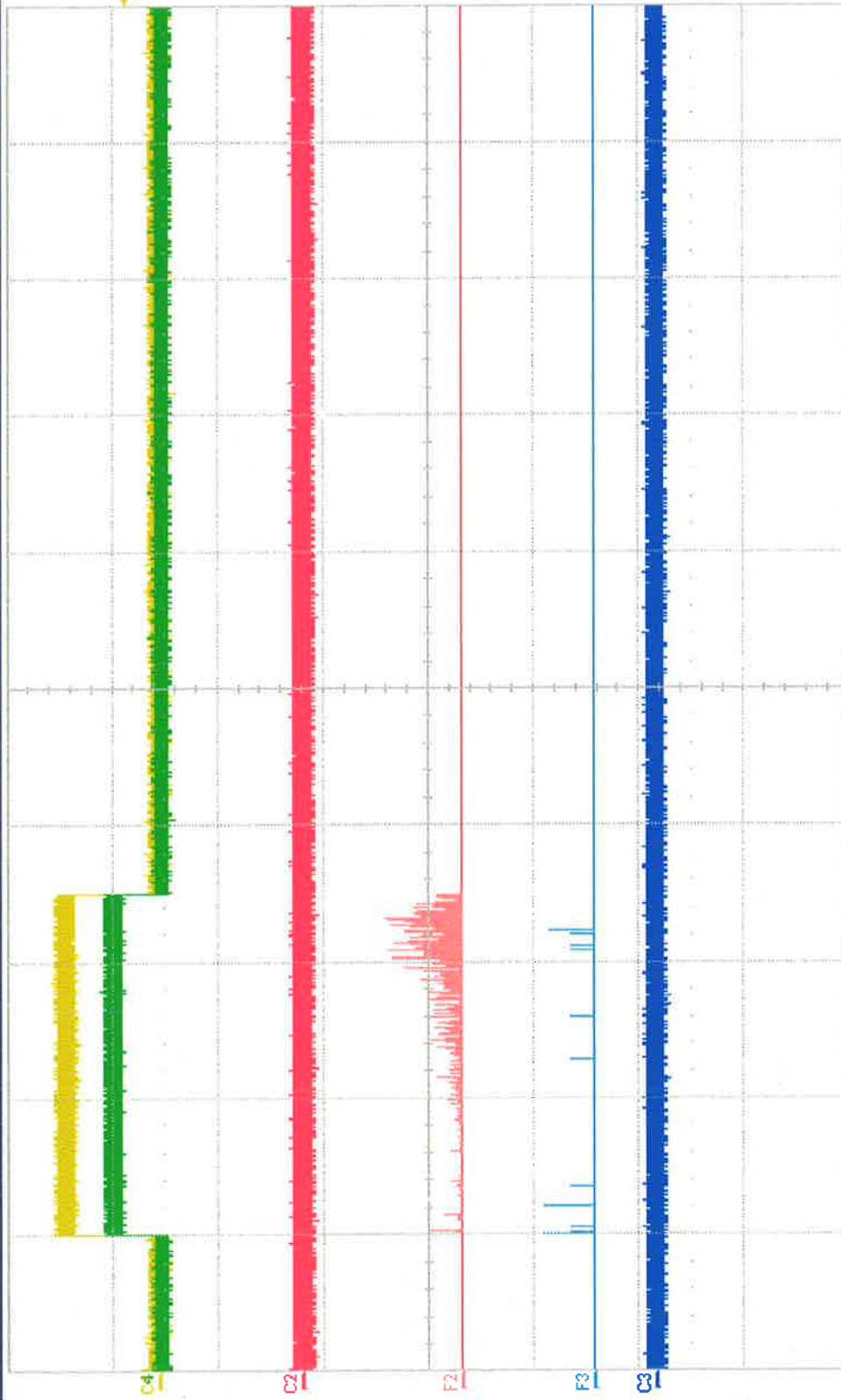
.5 ms

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



Tbase -4.00 ms
1.00 ms/div
500 kS

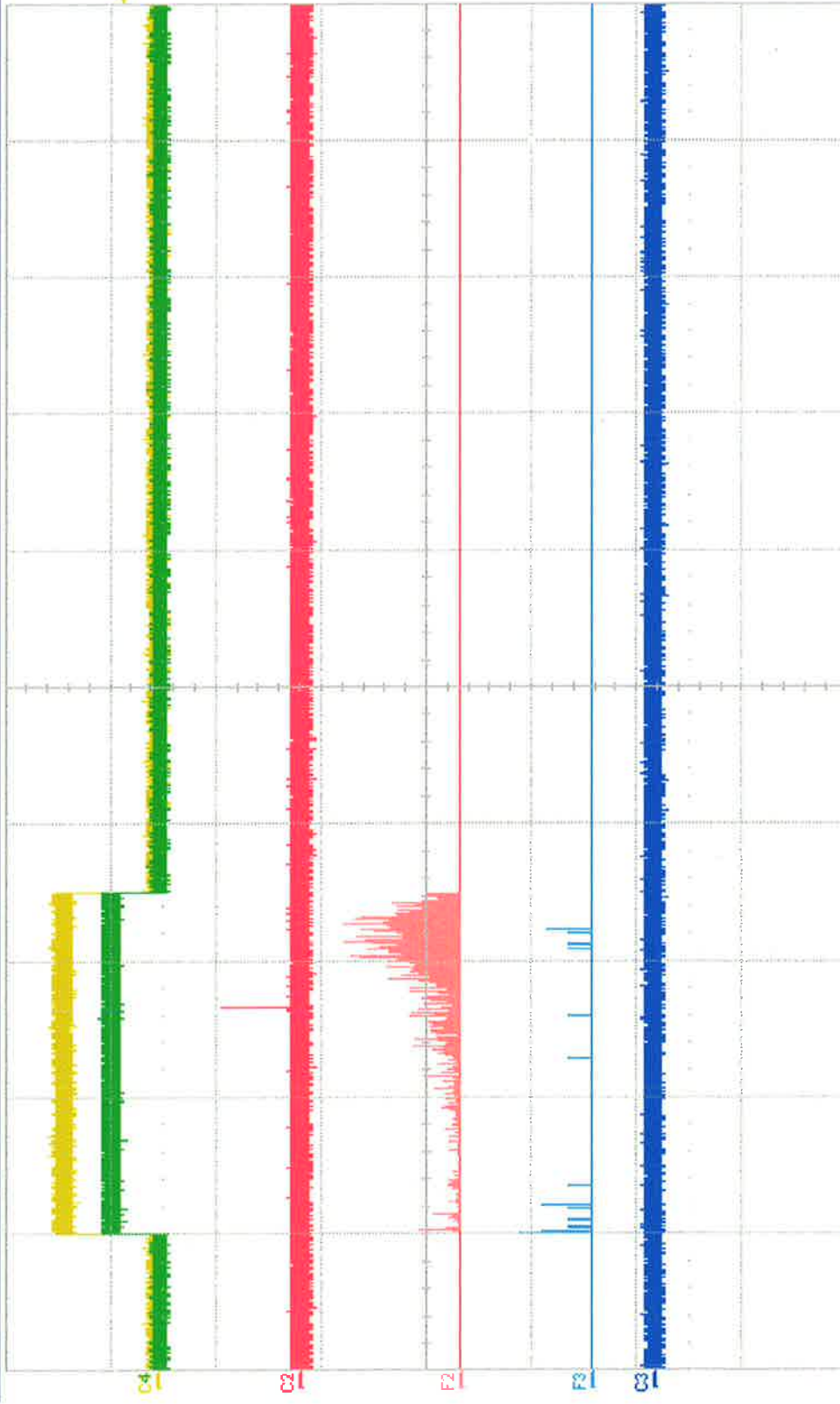
Trigger C1 DC
Normal 1.85 V
Edge Positive

C1 D1 5.00 V 12.70 V
C2 D1 5.00 V 5.95 V
C3 C3 5.00 V -11.0 V
C4 D1 10.0 V 25.30 V

F2 peris... 50.0 # 1.0 ms 1.98 kHz
F3 peris... 20.0 # 1.0 ms 69 #

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

F3 peris...
20.0 #
1.0 ms
107 #

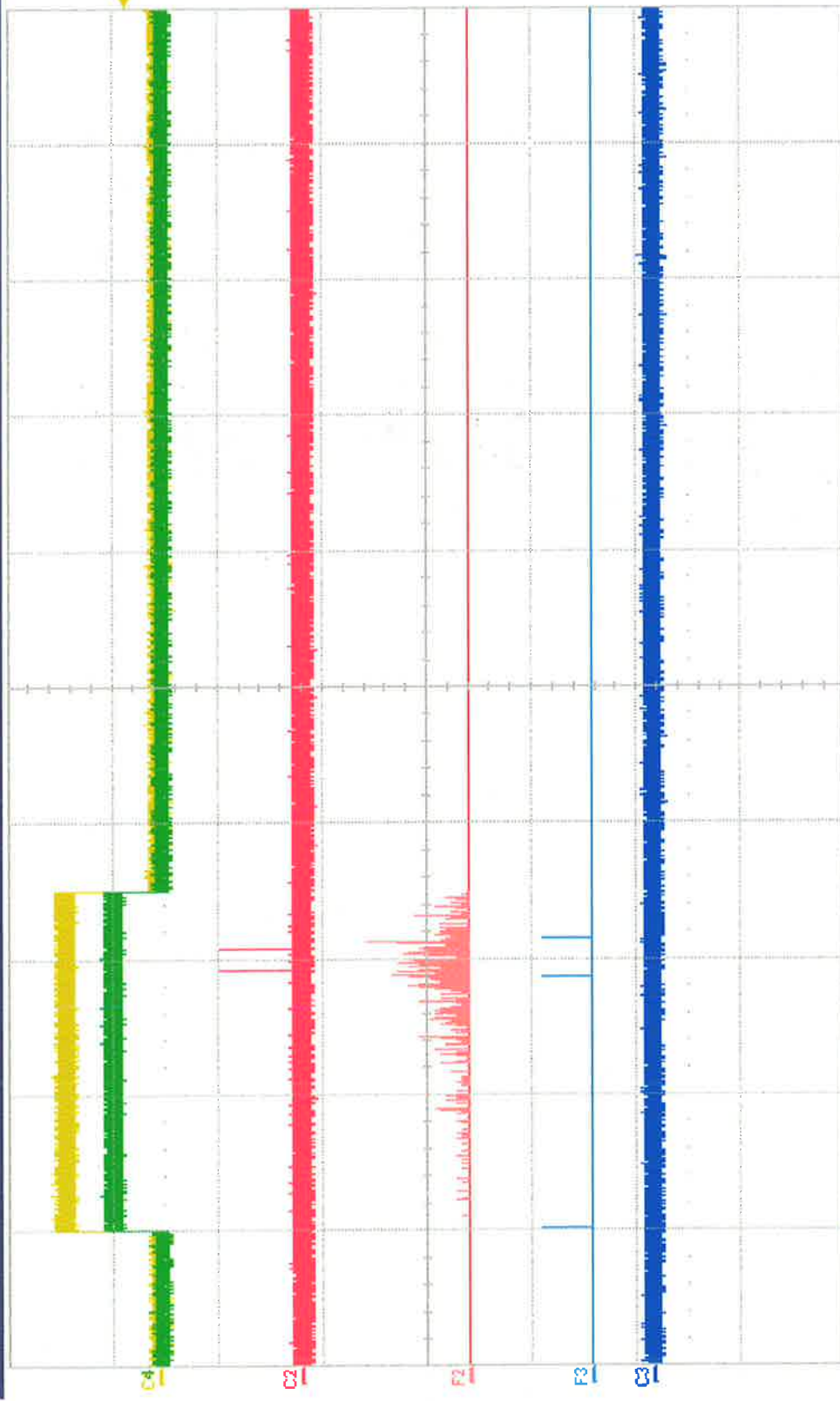
F2 peris...
50.0 #
1.0 ms
3.21 k#

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



Timebase -4.00 ms
1.00 ms/div
500 kS

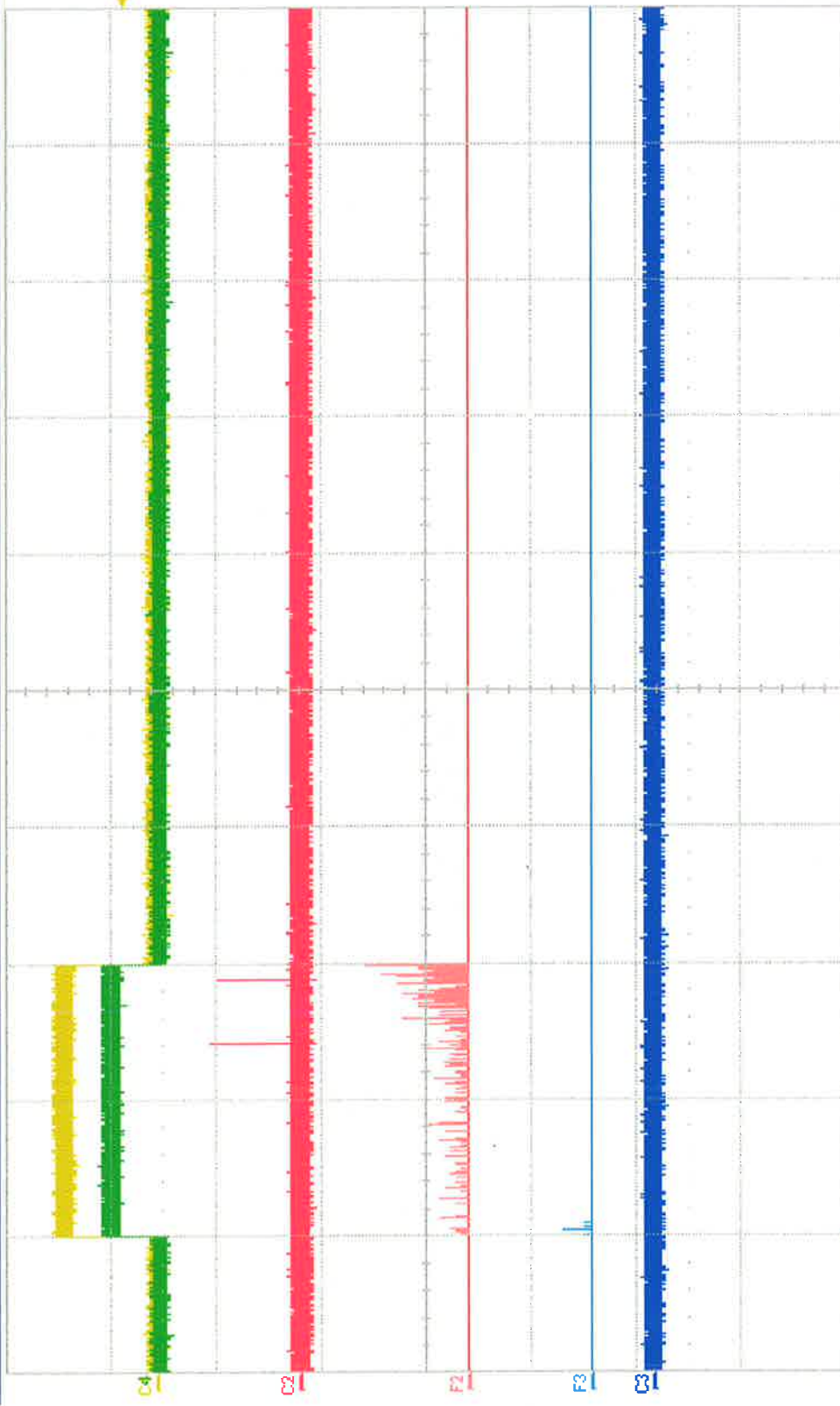
Trigger C1 DC
Normal
Edge
Positive

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... 20.0 # 1.0 ms 762 #
F3 peris... 10.0 # 1.0 ms 15 #

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Tbase -4.00 ms
1.00 ms/div
500 kS

Trigger 6100
Normal
Edge
Positive

1.65 V

C1 5.00 V
12.70 V

C2 5.00 V
5.95 V

C3 5.00 V
-11.0 V

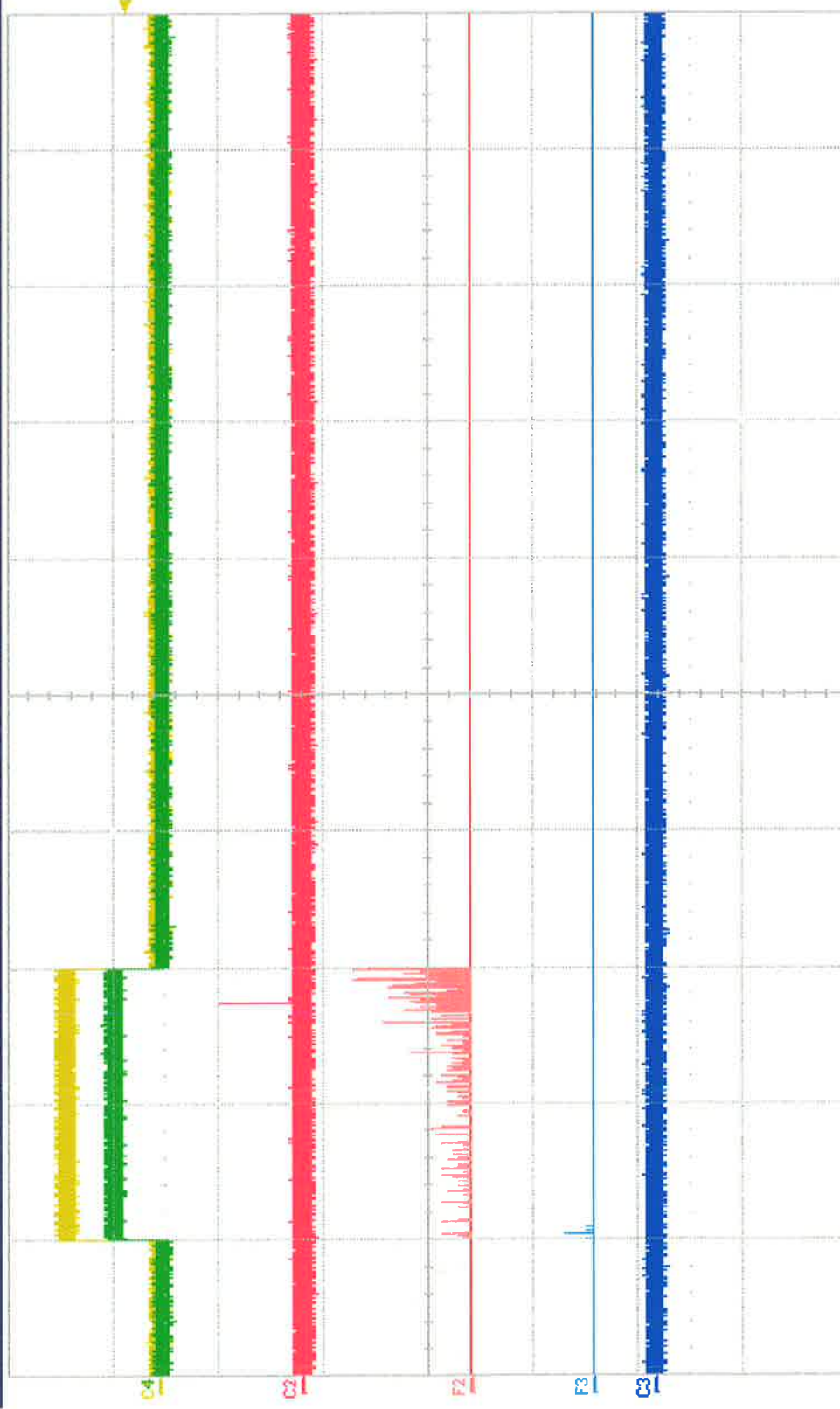
C4 10.0 V
25.30 V

F2 peris...
20.0 #
1.0 ms
605 #

F3 peris...
50.0 #
1.0 ms
30 #

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Thase -4.00 ms
1.00 ms/div
500 kS

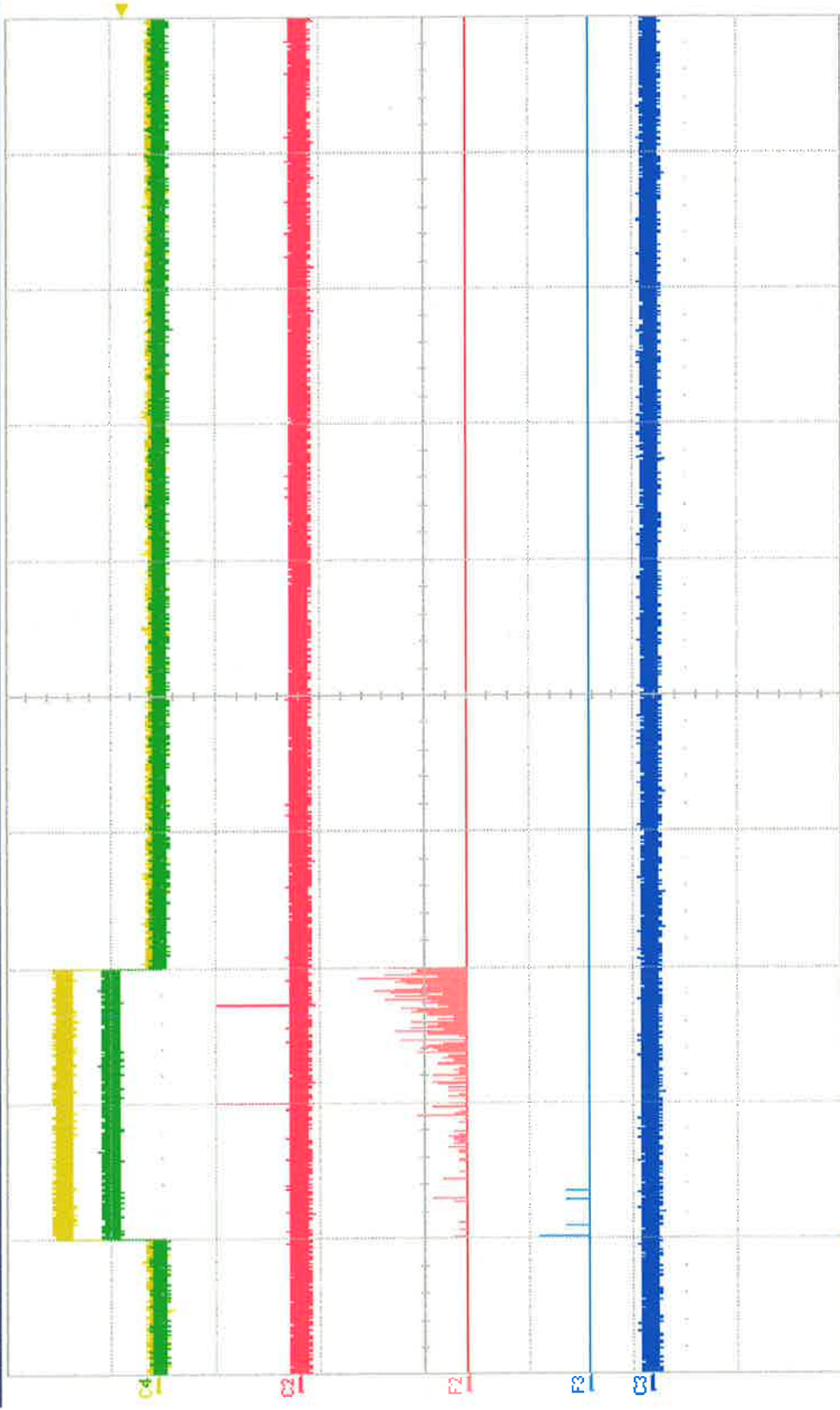
Trigger Normal
Edge
Positive

C100

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 V 1.0 ms 755 #
F3 peris... 50.0 V 1.0 ms 30 #

TELEDYNE LECROY

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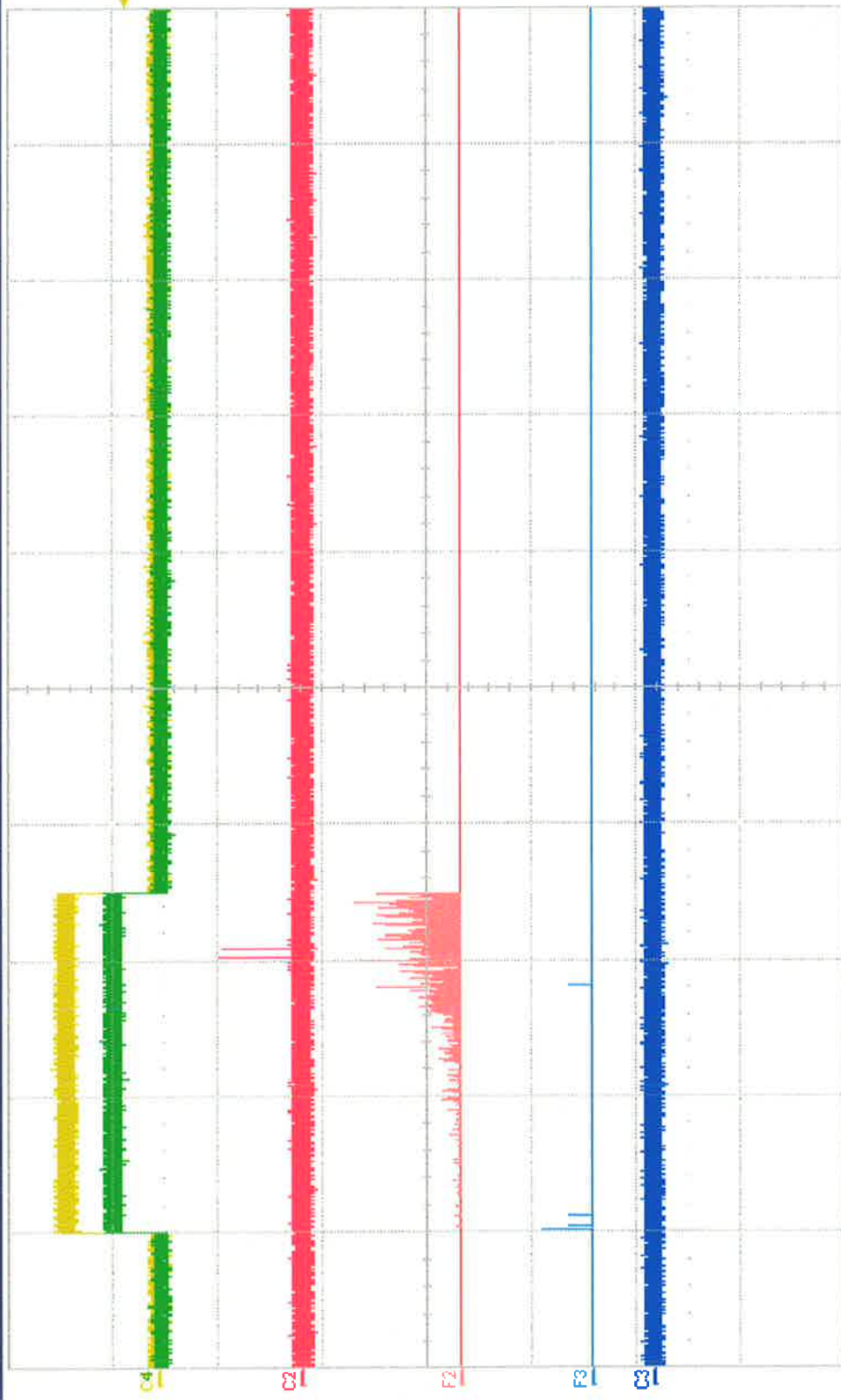


Timebase -4.00 ms Trigger C1 DC
1.00 ms/div Normal 1.05 V
500 kS 50 MS/s Edge Positive

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... 20.0 # 1.0 ms 705 #
F3 peris... 20.0 # 1.0 ms 25 #

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

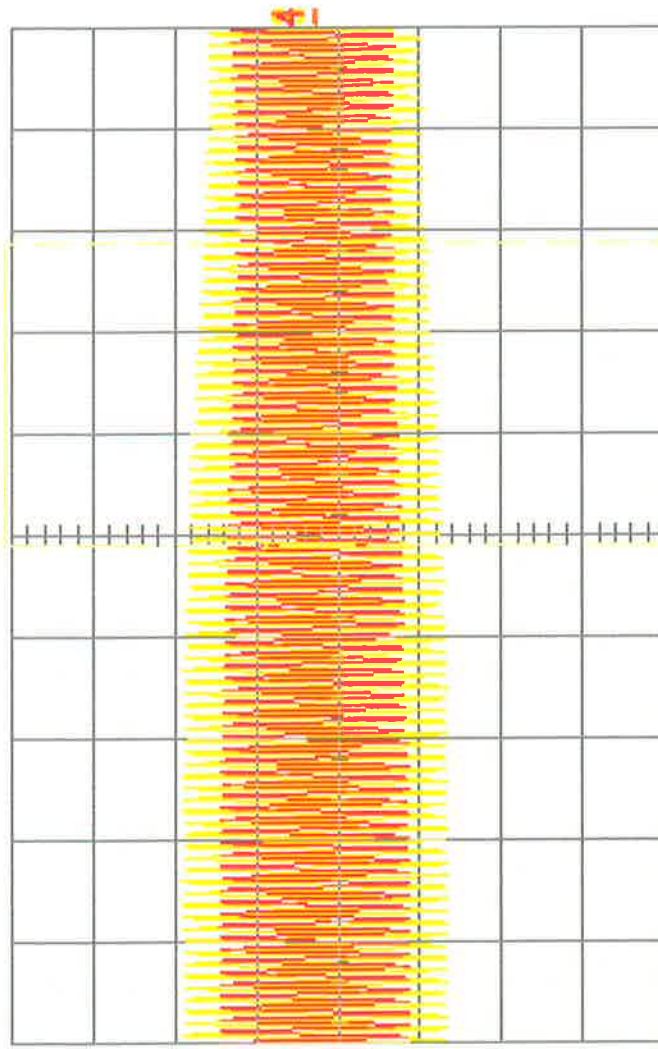
C1 D1 5.00 V 12.70 V
 C2 D1 5.00 V 5.95 V
 C3 D1 5.00 V -11.0 V
 C4 D1 10.0 V 25.30 V
 F2 peris... 50.0 # 1.0 ms 2.50 k#
 F3 peris... 20.0 # 1.0 ms 30 #

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12:58:31

3 2 μ s
1.00 V



4 2 μ s
1.00 V

24 sweeps:		average	low	high	sigma
phase(4,3)		-92.0°	-99.3	-77.8	3.4
rms(1)		13.4mV	13.0	13.7	0.2
rms(2)		13.7mV	13.3	14.1	0.2
rms(4)		748mV	592	844	66
rms(3)		1.054 V	0.919	1.150	0.065

2 μ s

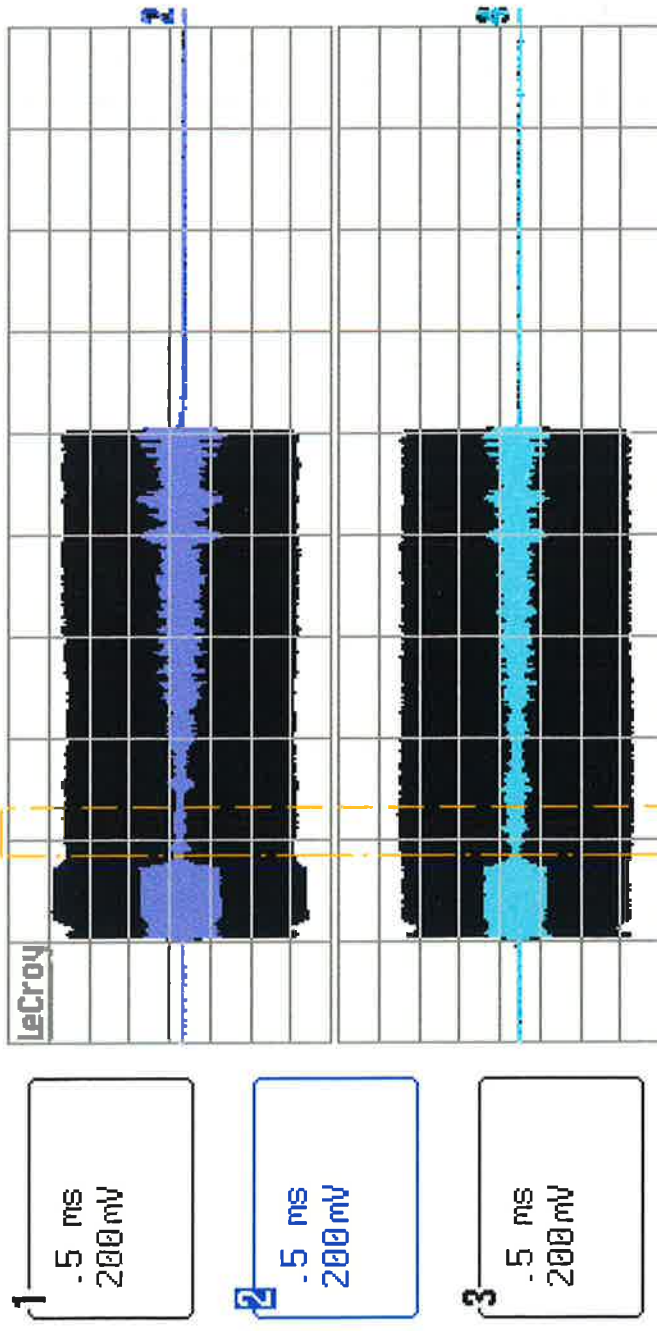
1 .5 V DC
2 .5 V DC
3 1 V DC
4 1 V DC

1 GS/s

Ext10 DC 0.15 V 50 Ω

☐ NORMAL

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12:57:38



111 sweeps:

	average	low	high	sigma
rms(1)	402.1mV	397.8	406.5	1.9
rms(2)	23.2mV	17.7	30.0	2.3
rms(3)	398.8mV	396.6	401.4	1.0
rms(4)	29.1mV	22.9	38.3	3.1
phase(1,3)	78 °	75	82	1

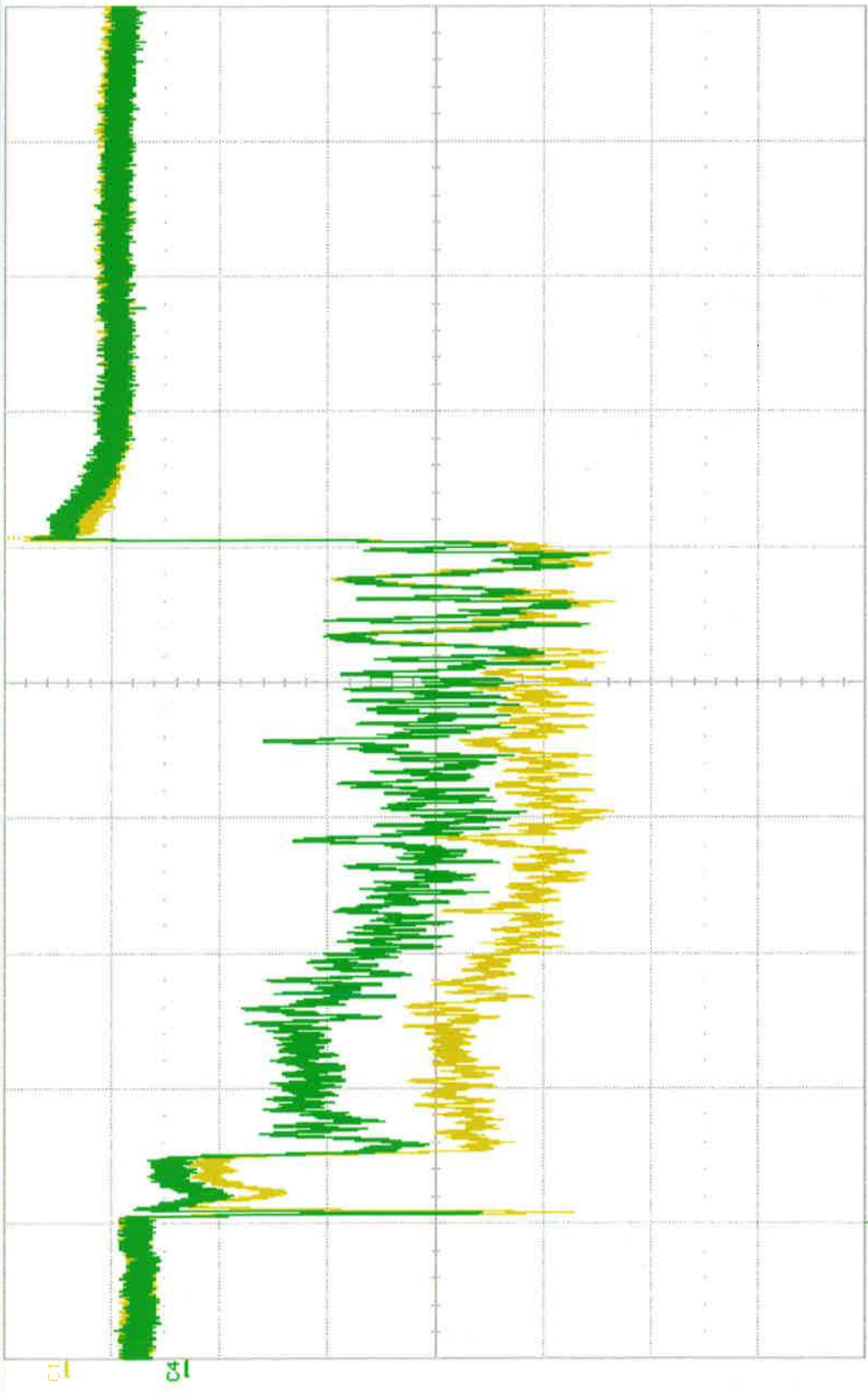
.5 ms

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



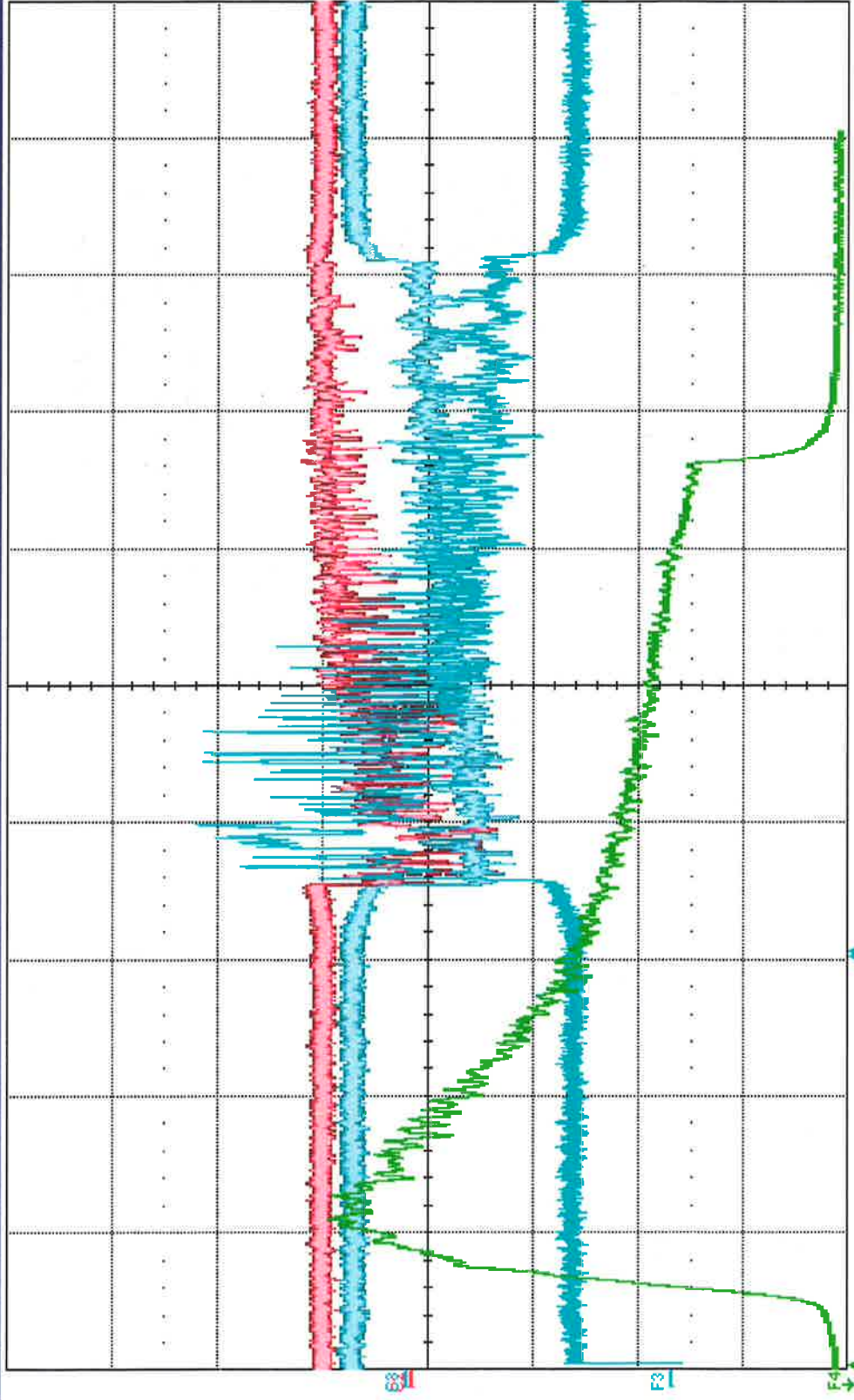
C1 DC1M 5.00 mV/div 17.00 mV offset

C4 DC1M 5.00 mV/div 11.50 mV offset

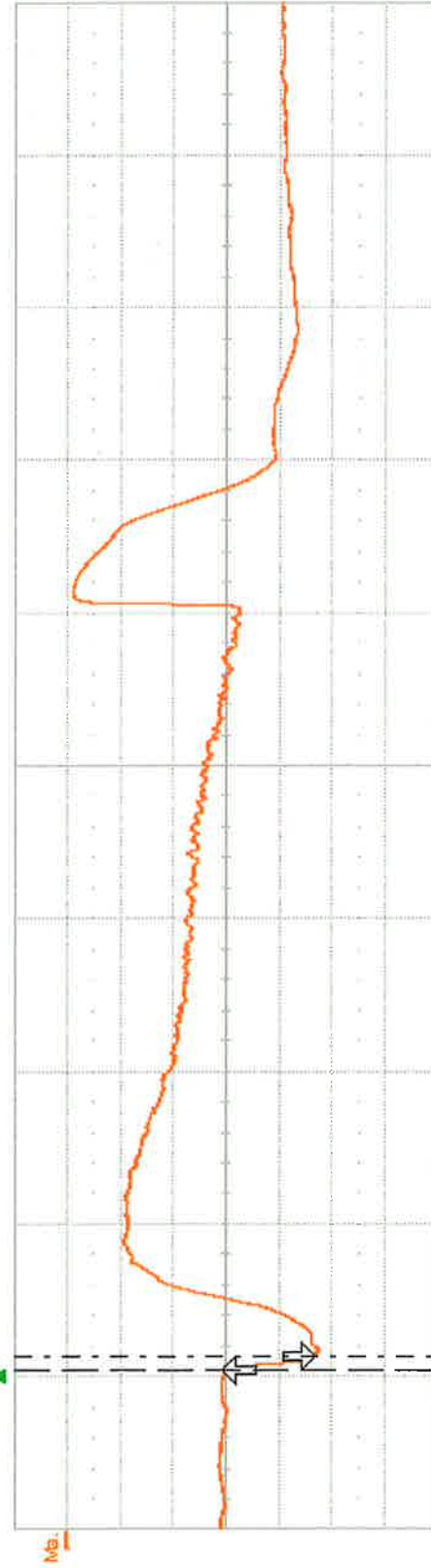
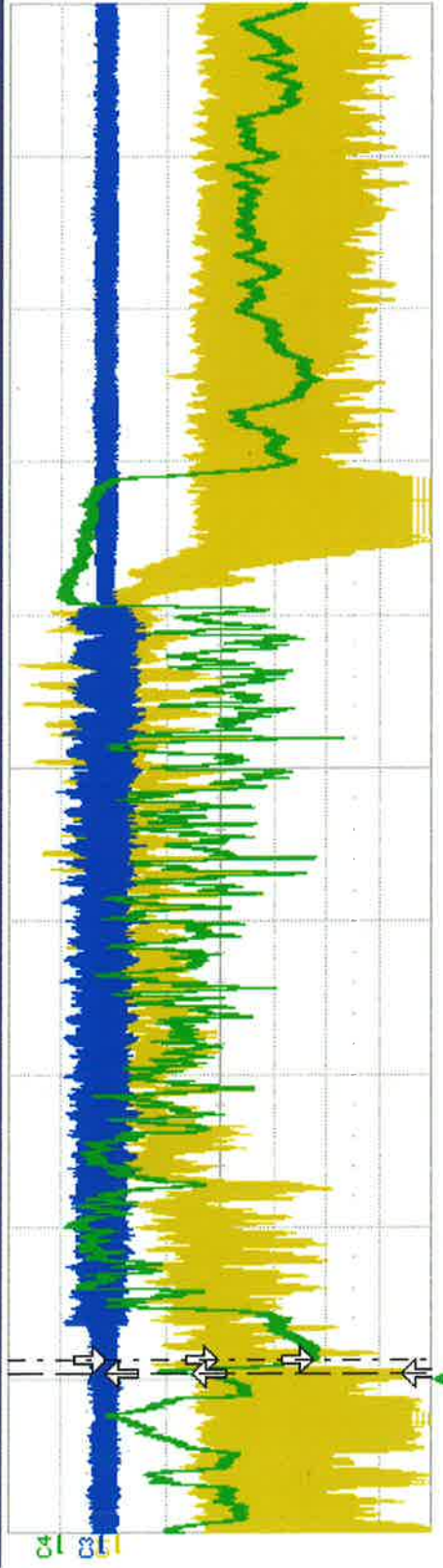
Timebase -2.00 ms 500 μ s/div 250 ks

Trigger ESR10 DC Normal Edge Negative

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C2	DC1M	500 mV/div	75 mV offset
C3	DC1M	500 mV/div	100 mV offset
F3	scrip(C3,C2)	1.00/div	500 μs/div
F4	<F3>	500e-3/div	385 μs/div
Timebase	-990 μs	Trigger	Ext10 DC
WStream	500 μs	Normal	30 mV
50.0 kS	10 MS/s	Edge	Negative



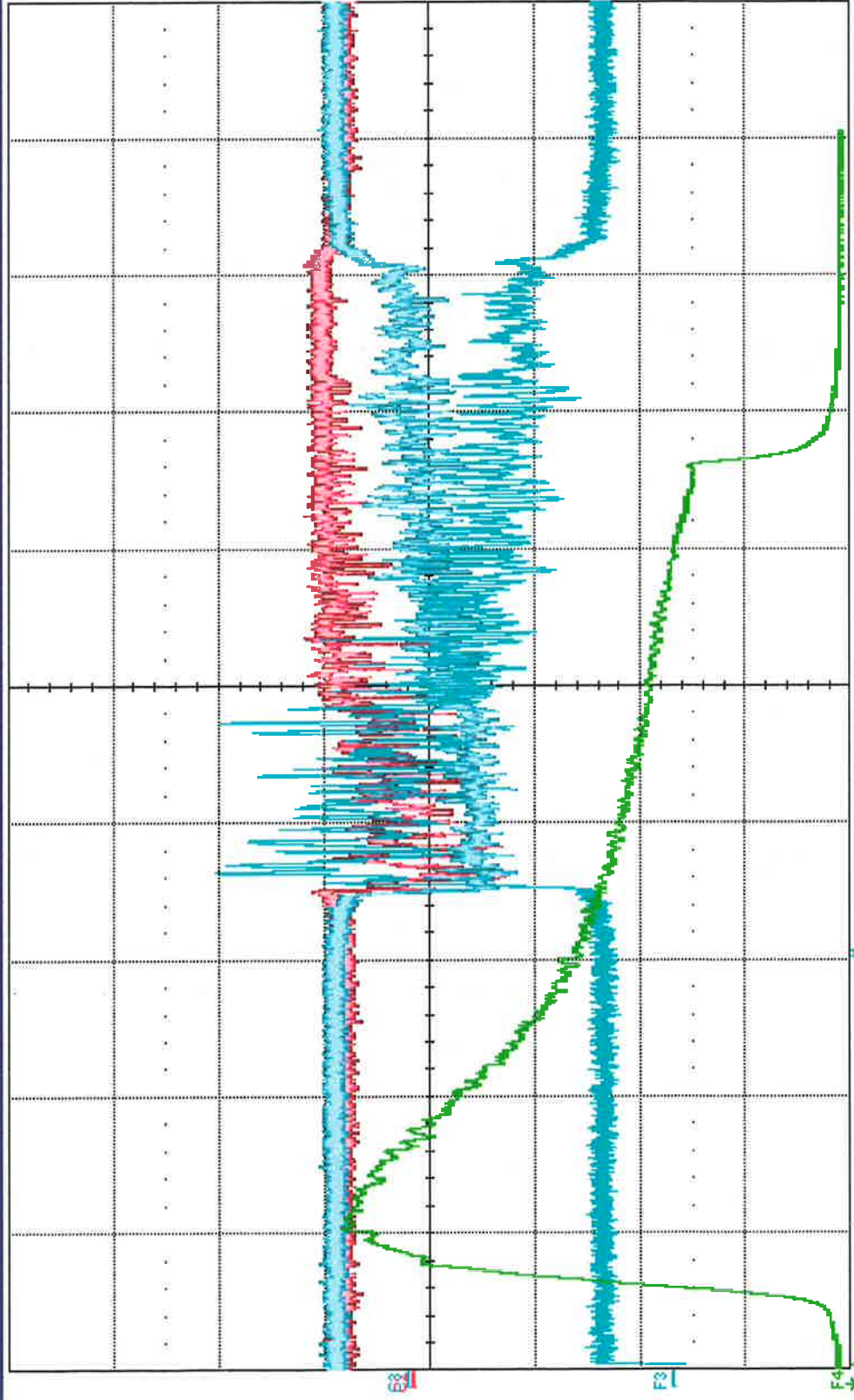
Timebase	-2.00 ms	Trigger	Ext10 DC
1.00 MS	500 μ s/div	Normal	700 mV
	200 MS/s	Edge	Negative
X1=	67.225 μ s	Δ X=	-47.795 μ s
X2=	19.430 μ s	1/ Δ X=	-20.923 kHz

Math	<C4>
100 V/div	273 #
500 μ s/div	-467.531 V
	-299.550 V
	158.171 V

C4	DCIM
100 V/div	302.0 V offset
	-473.9 V
	-252.0 V
	221.9 V

C3	DCIM
5.00 mV/div	11.00 mV ofst
	-70 μ V
	-240 μ V
	-170 μ V

C1	DCIM
200 mV/div	380.0 mV ofst
	-365.5 mV
	-1.0691 V
	-703.5 mV



Timebase -990 μs
 WStream -500 μs
 50.0 kS 10 MS/s

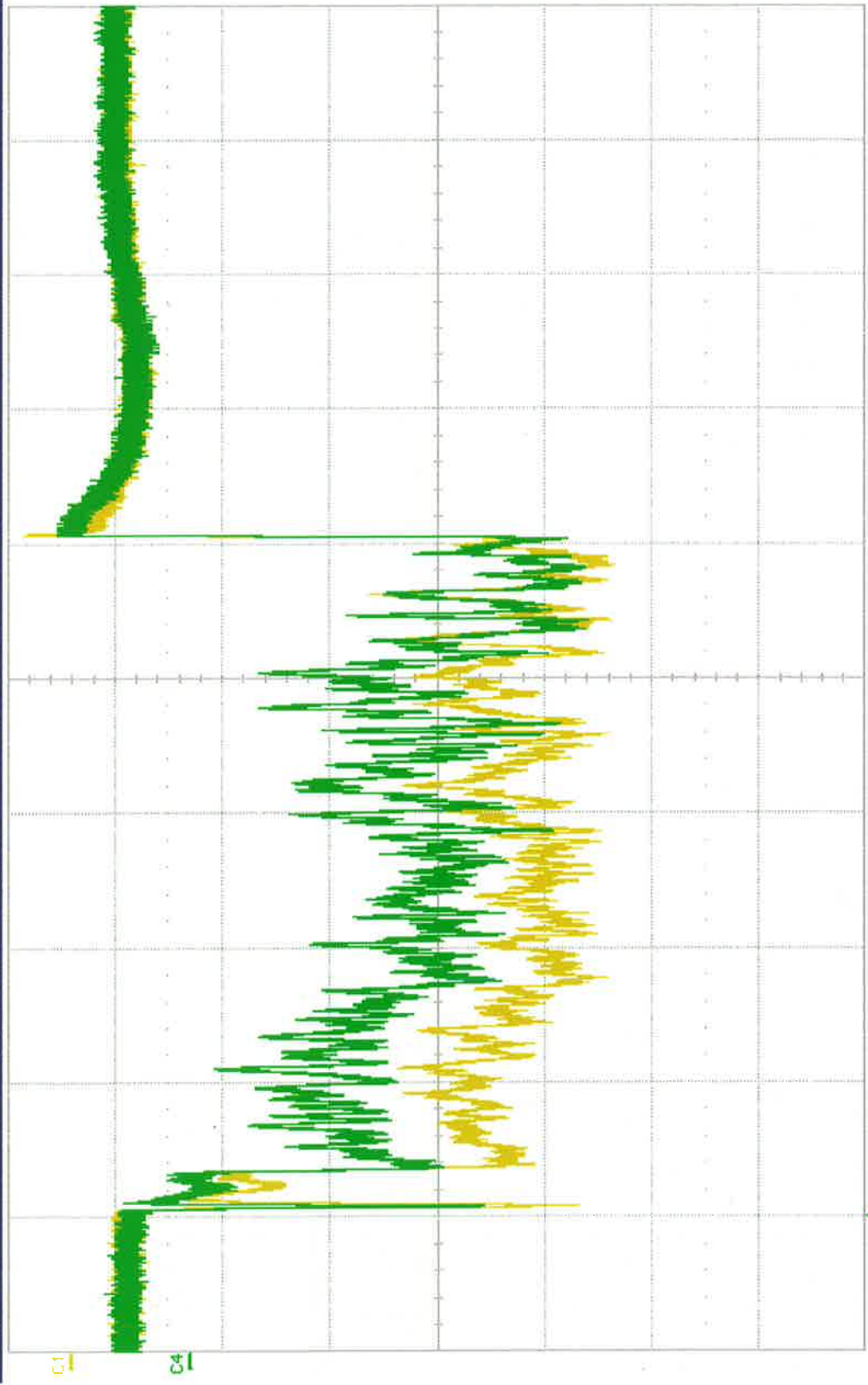
Trigger ExtD DC
 Normal 30 mV
 Edge Negative

C2 DCIM 500 mV/div 75 mV offset

C3 DCIM 500 mV/div 100 mV ofst

F3 script(C3,C2) 1.00/div 500 μs/div

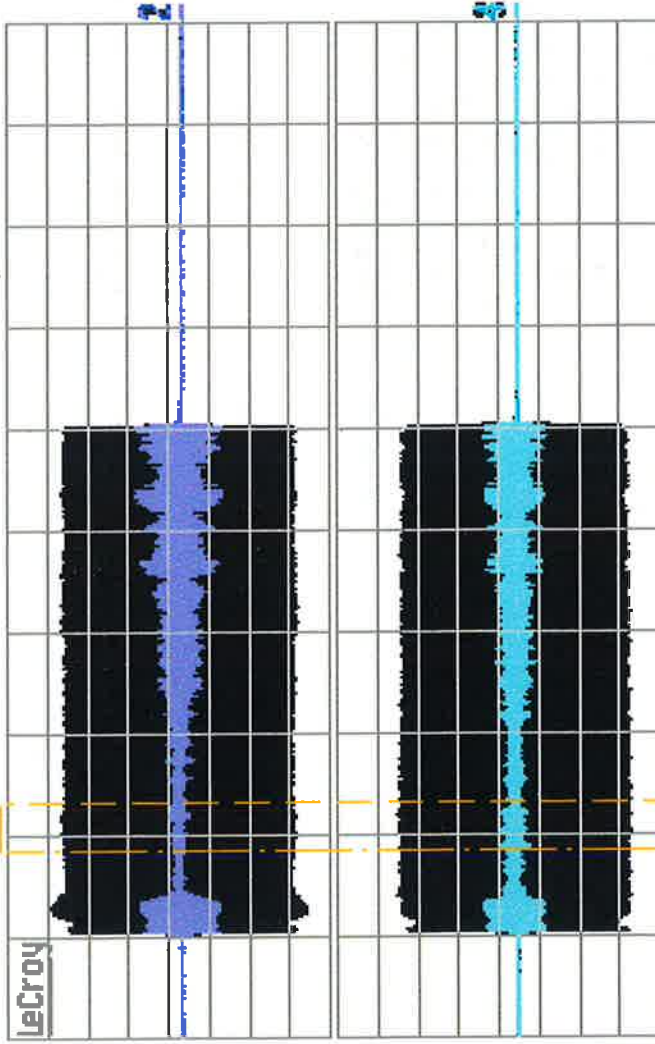
F4 <F3> 500e-3/div 385 μs/div 354 #



C1 DCIM 5.00 mV/div 17.00 mV ofst
C4 DGMS 5.00 mV/div 11.50 mV ofst

Timebase -2.00 ns 500 μ s/div 250 kS
Trigger Normal Edge
Ext'd DC 700 mV Negative

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13:02:09



383 sweeps:				
	rms(1)	average	low	high
	402.5mV	397.8	406.9	sigma
	22.9mV	16.8	30.0	1.7
	398.7mV	396.2	401.6	2.4
	29.3mV	19.4	38.3	1.0
	78 °	75	82	2.9
	phase(1,3)			1

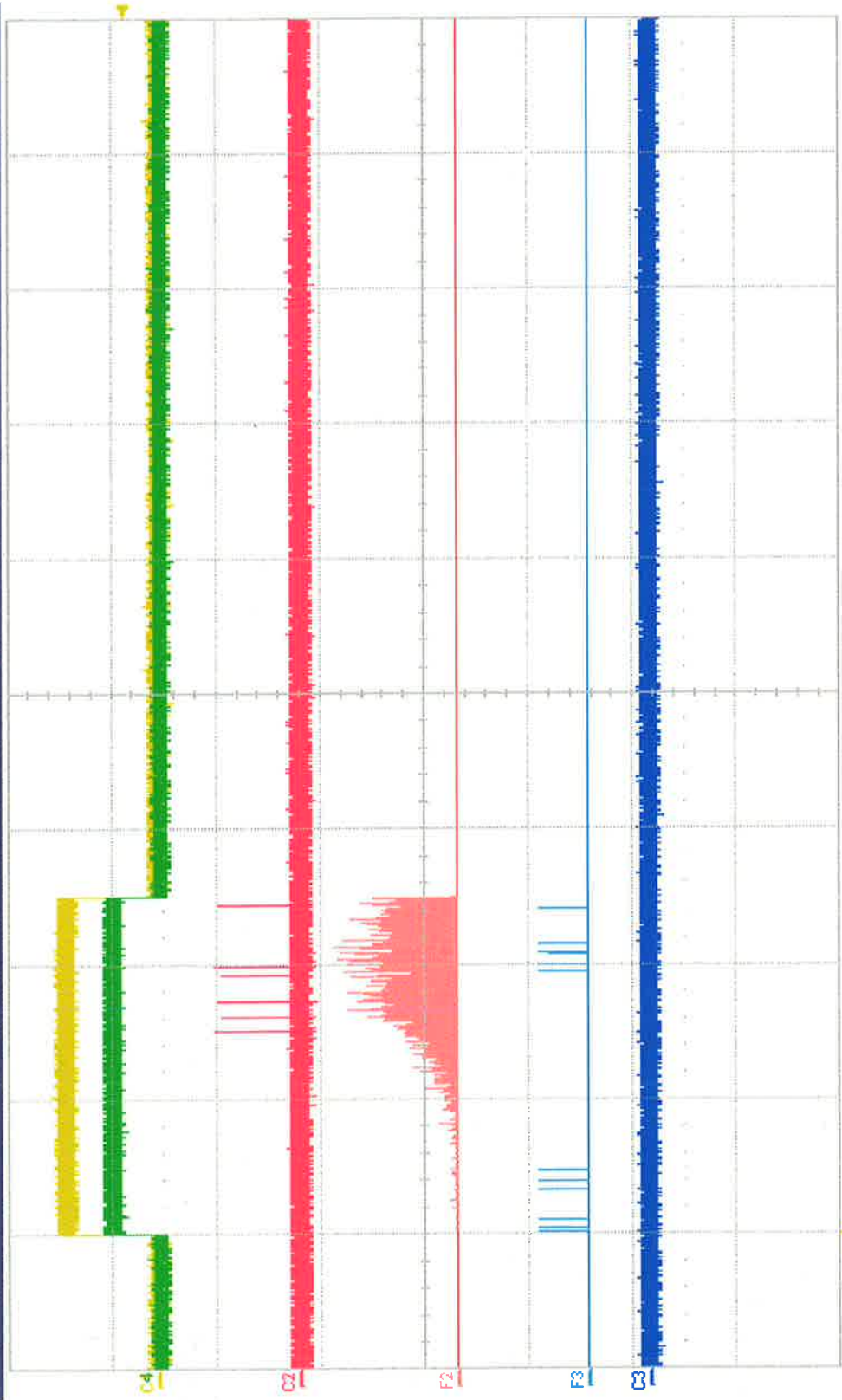
.5 ms

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

Trigger C1DC
Normal 1.65 V
Edge Positive

F3 perfs...
10.0 #
1.0 ms
64 #

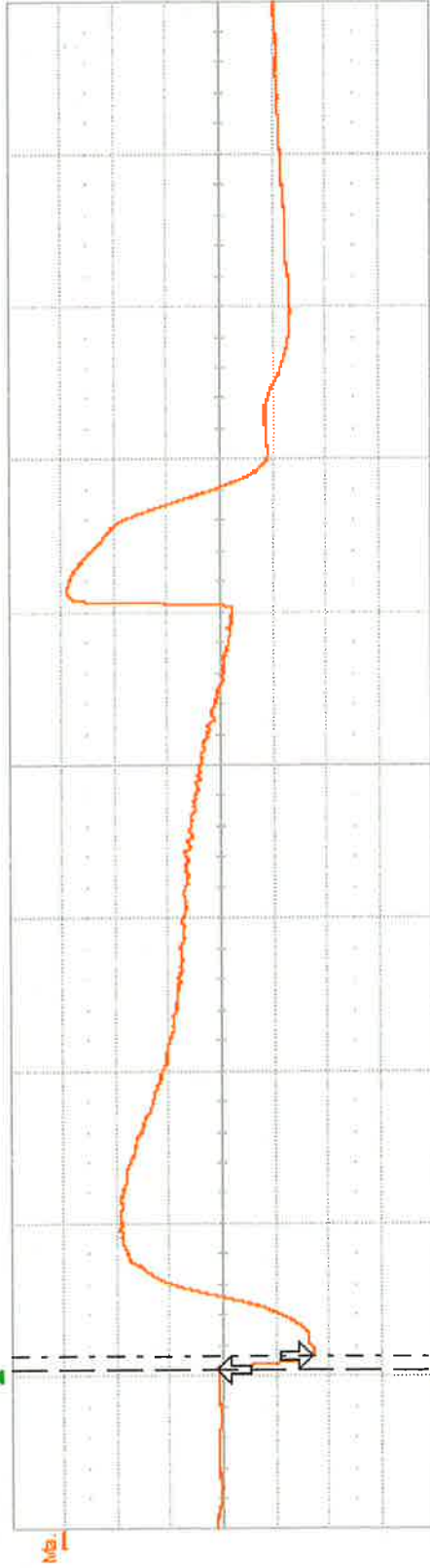
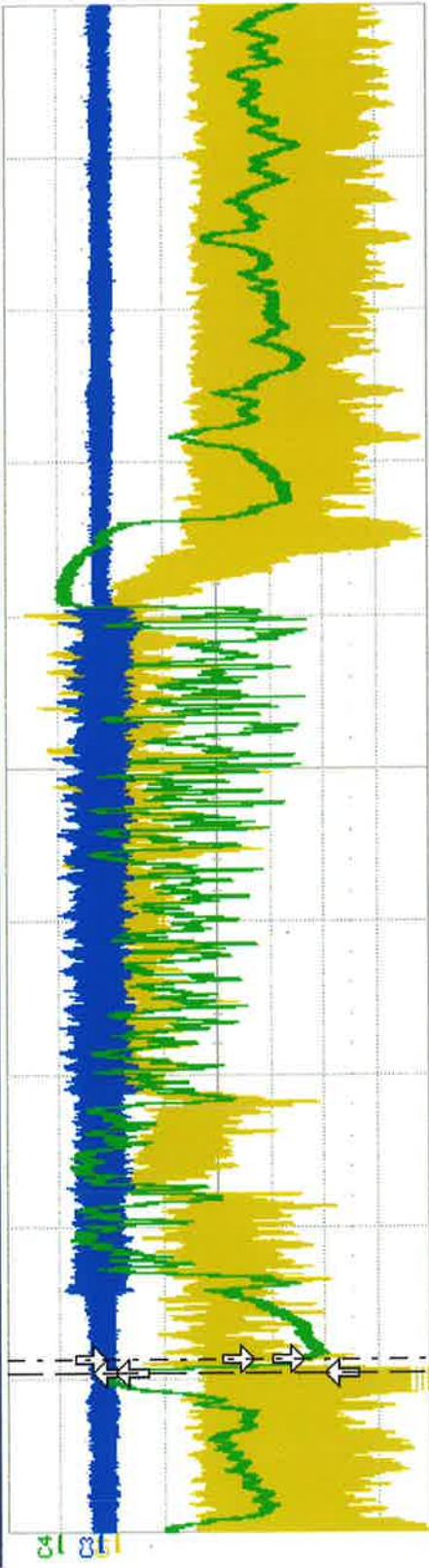
F2 perfs...
100 #
1.0 ms
9.73 k#

C4 C1
10.0 V
25.30 V

C3 C2
5.00 V
-11.0 V

C2 D1
5.00 V
5.95 V

C1 D1
5.00 V
12.70 V



Timebase -2.00 ms
 500 μ s/div
 1.00 MS 200 MS/s

Trigger Ext: 10 DC
 Normal Edge
 700 mV Negative

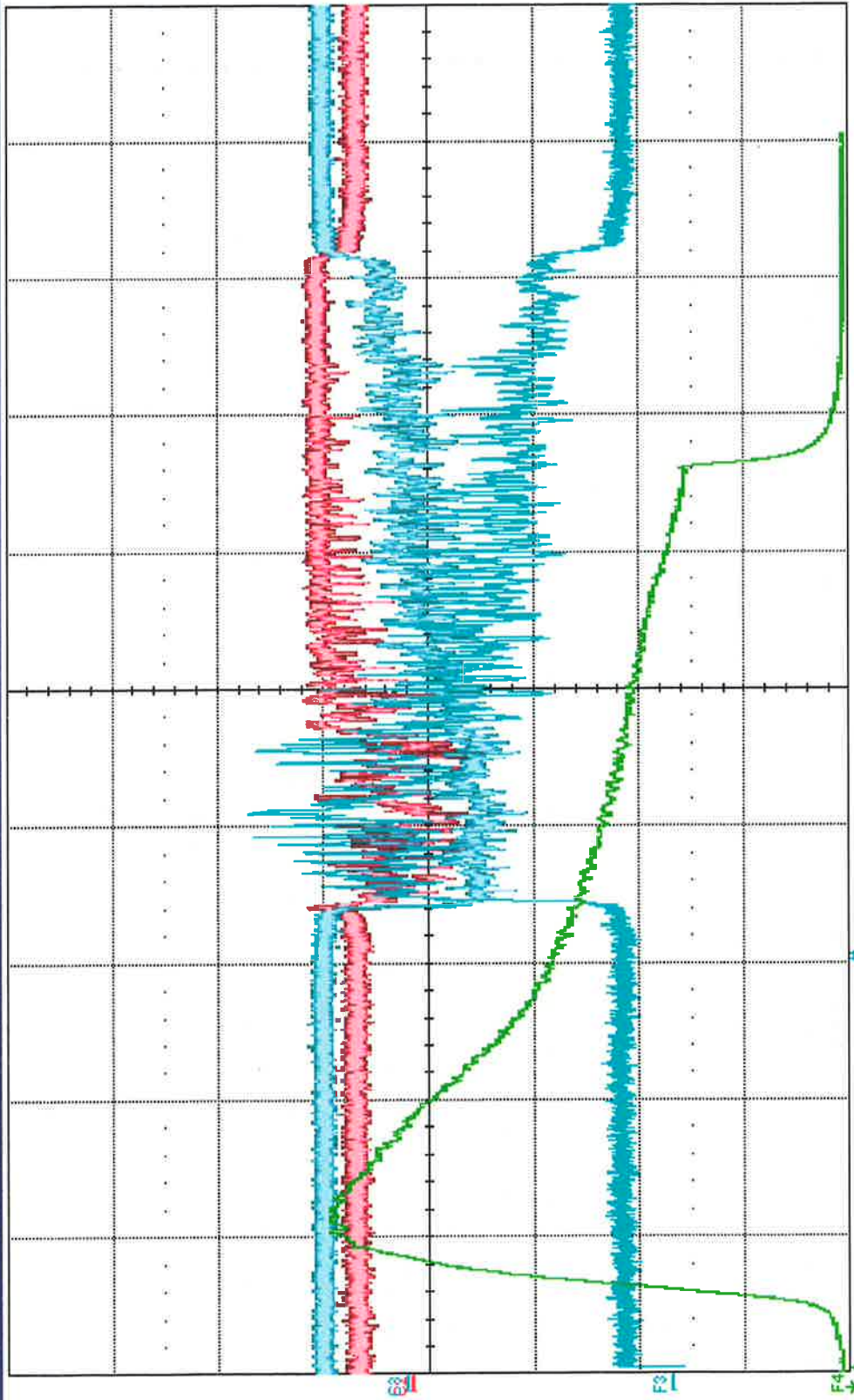
X1= 67.225 μ s Δ X= -47.795 μ s
 X2= 19.430 μ s 1/ Δ X= -20.923 kHz

C1 DCIM 200 mV/div 360.0 mV ofst
 -508.9 mV
 -768.7 mV
 Δ V -279.8 mV

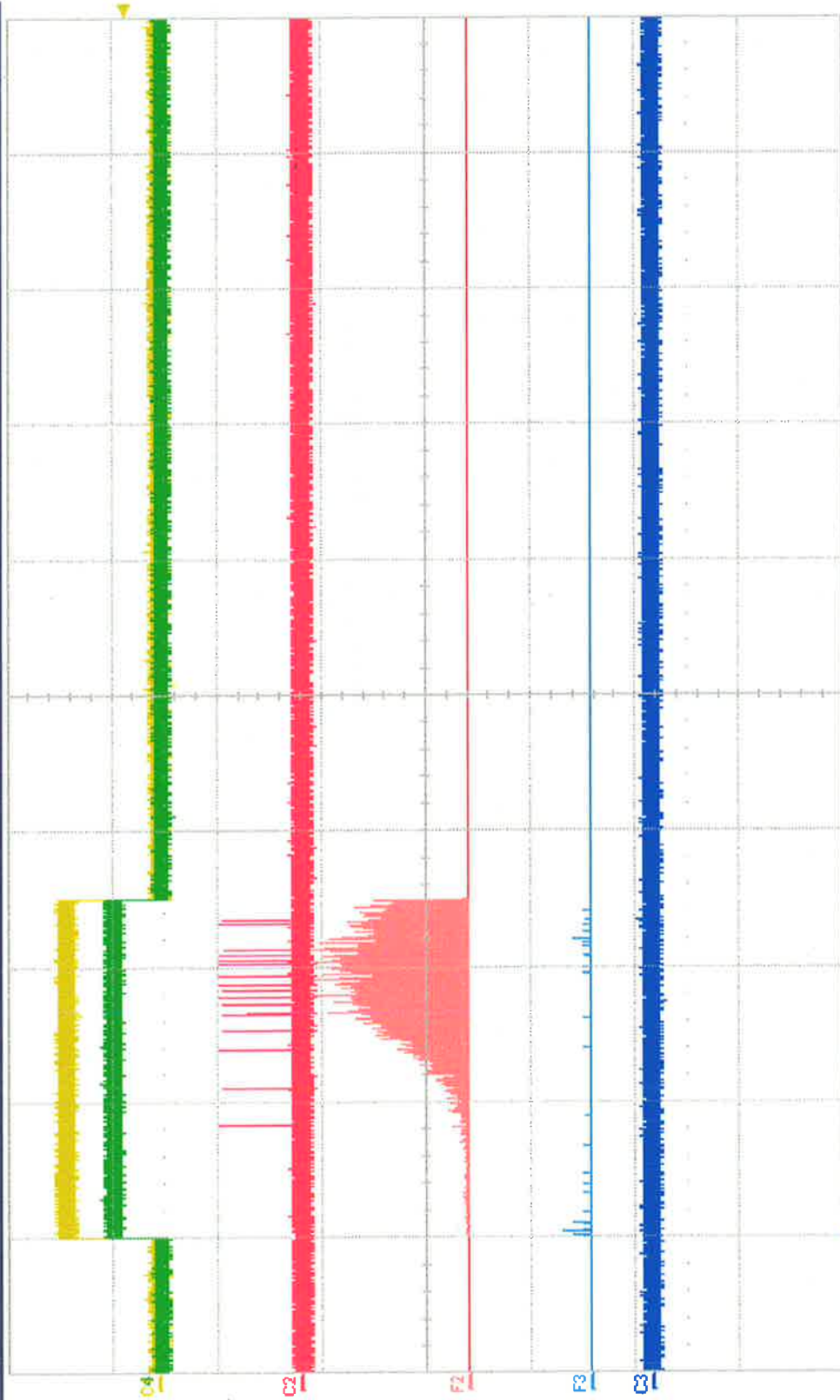
C3 DCIM 5.00 mV/div 11.00 mV ofst
 -220 μ V
 560 μ V
 Δ V 780 μ V

C4 DCIM 100 V/div 302.0 V ofst
 -459.8 V
 -112.1 V
 Δ V 347.6 V

Math <C4> 100 V/div 500 μ s/div 284 #
 -466.868 V
 -295.832 V
 Δ V 170.936 V



C2 DCIM 500 mV/div 75 mV offset	C3 DCIM 500 mV/div 100 mV offset	F3 script(C3,C2) 1.00/div 500 μ s/div	F4 500e-3/div 385 μ s/div F43 #	<F3> 500e-3/div 385 μ s/div F43 #	Timebase -990 μ s wStream 500 μ s 50.0 kS 10 MS/s	Trigger Ext10 DC Normal 30 mV Edge Negative
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Timebase -4.00 ms
1.00 ms/div
500 kS
Trigger Normal
Edge
Positive

F3 peris...
50.0 #
1.0 ms
162 #

F2 peris...
200 #
1.0 ms
27.3 k#

C4
10.0 V
25.30 V

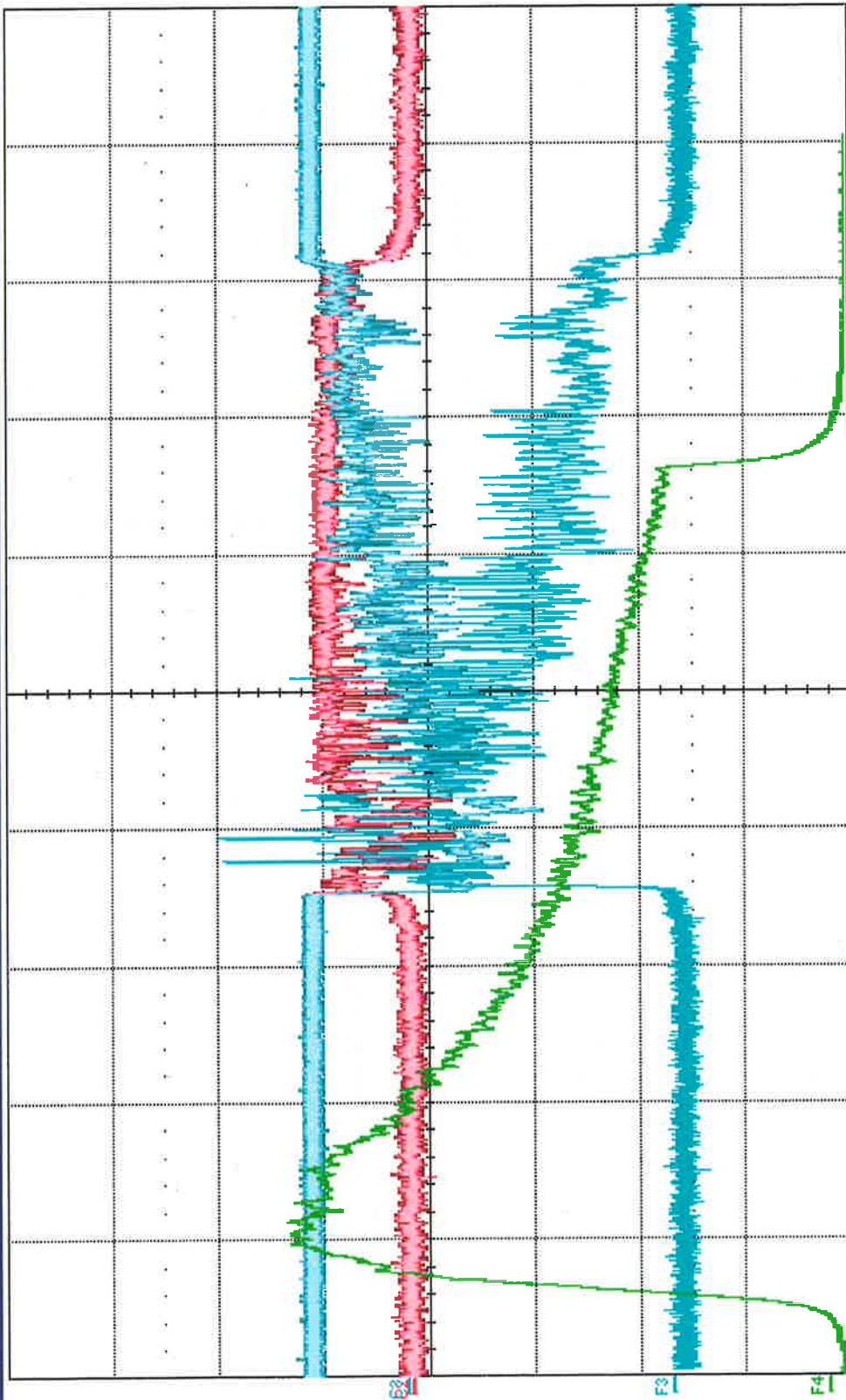
C3
5.00 V
-11.0 V

C2
5.00 V
5.95 V

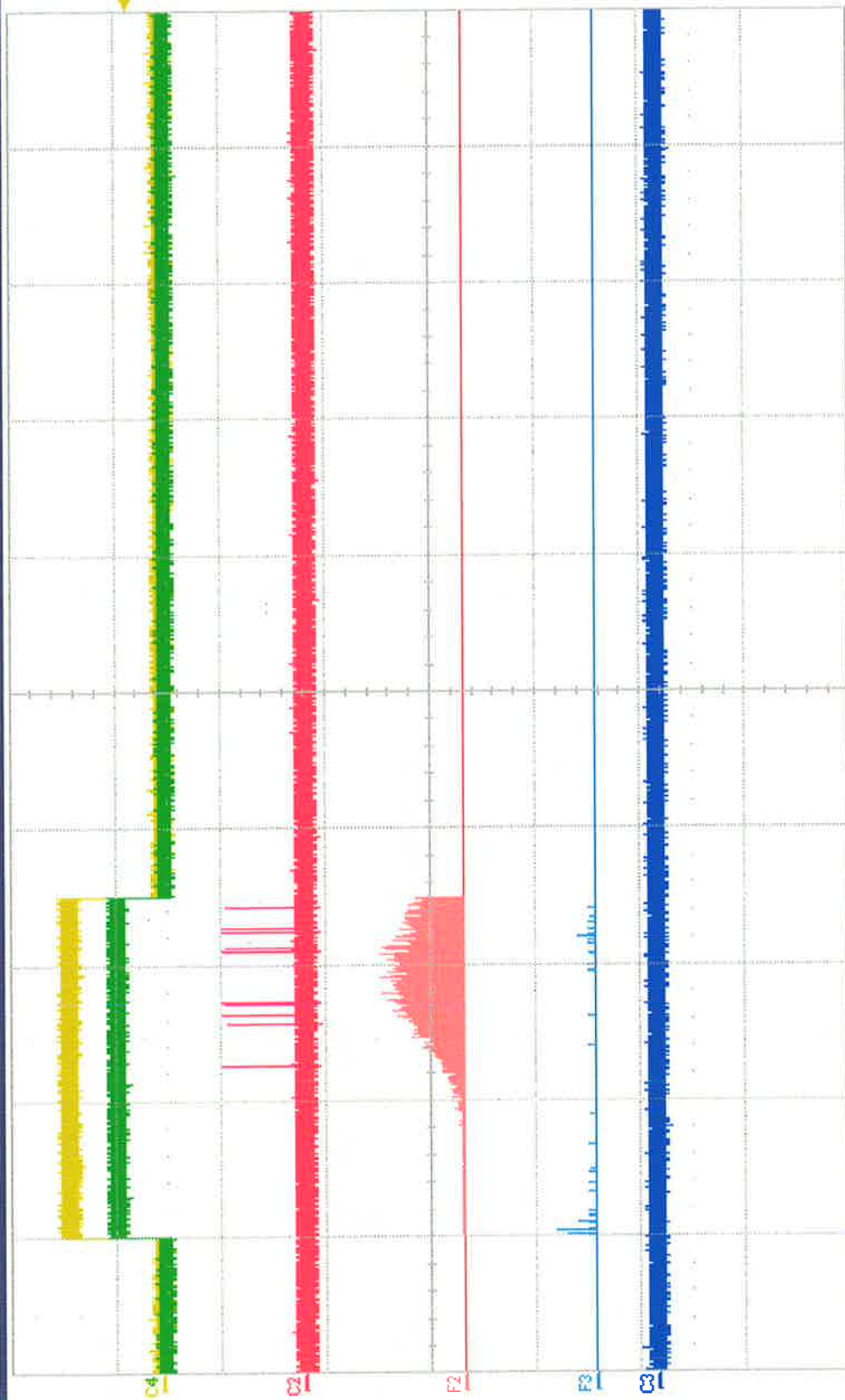
C1
5.00 V
12.70 V

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C2	DC1M	500 mV/div	75 mV offset
C3	DC1M	500 mV/div	100 mV offset
F3	script(C3,C2)	1.00/div	500 μs/div
F4	<F3>	500e-3/div	385 μs/div
			129 #
Timebase	-990 μs	Trigger	Ext10 DC
WStream	500 μs	Normal	30 mV
50.0 kS	10 MS/s	Edge	Negative

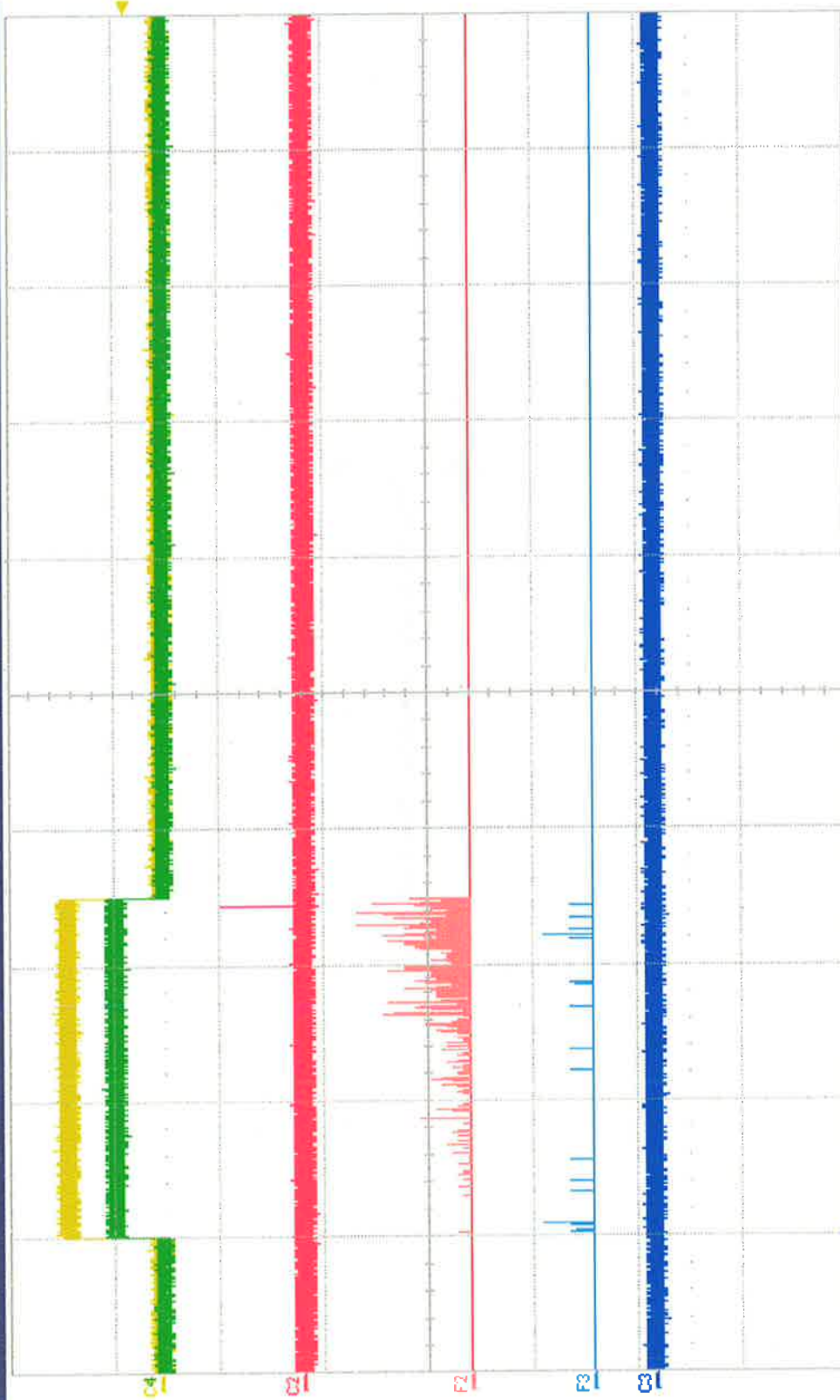


Tbase -4.00 ms
1.00 ms/div
500 kS 50 mS/s

Trigger C1 DC
Normal 1.65 V
Edge Positive

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TELEDYNE LECROY



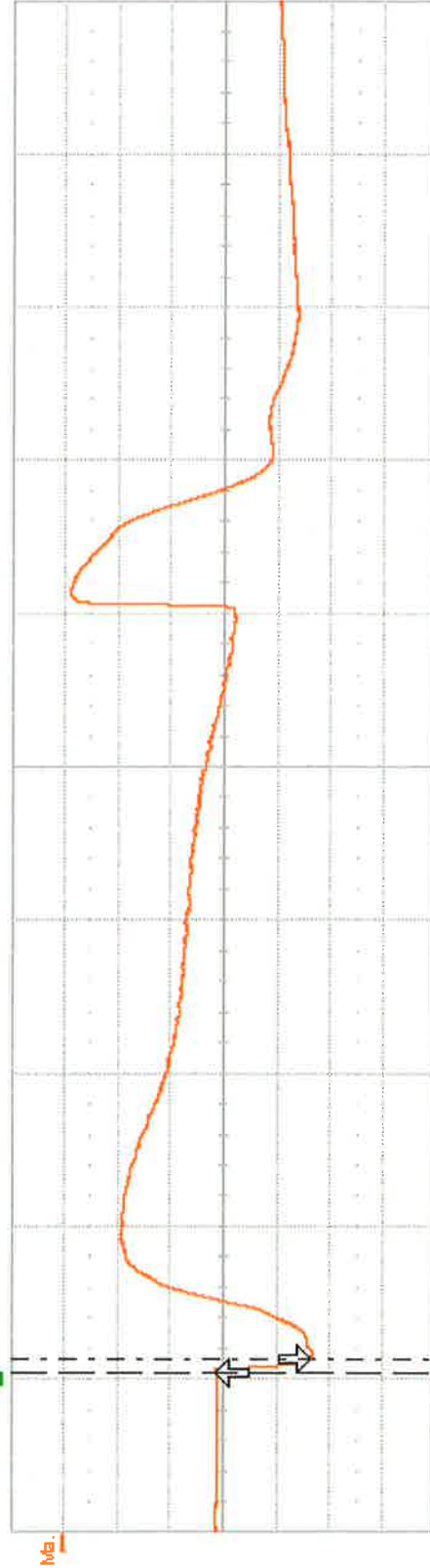
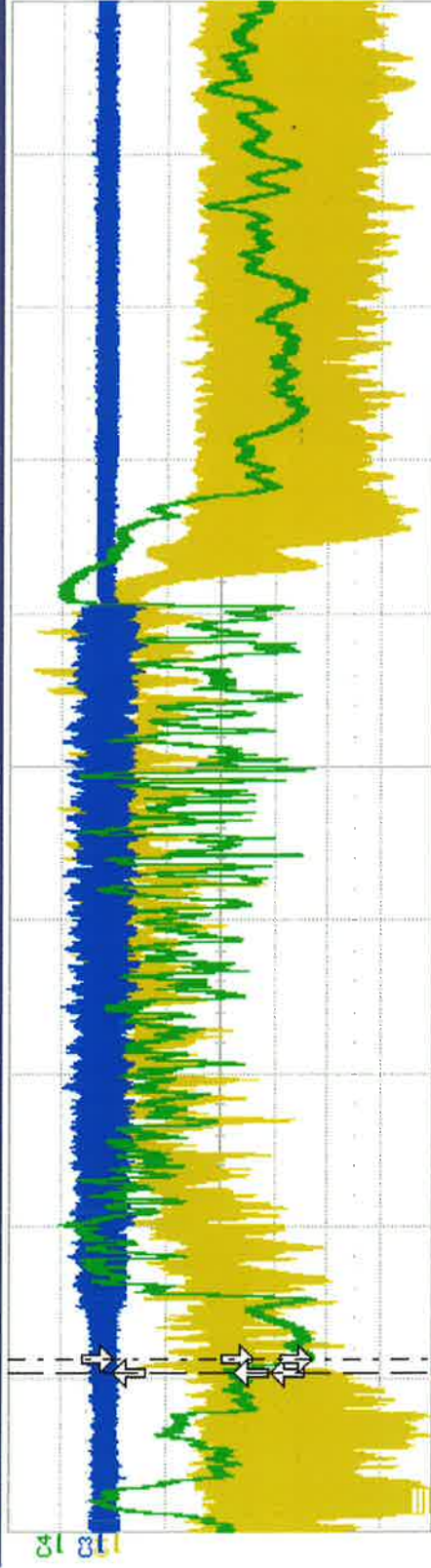
Tbase -4.00 ms
 1.00 ms/div
 500 kS

Trigger **C100**
 Normal 1.85 V
 Edge Positive

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... 20.0 # 1.0 ms 1.01 k#
F3 peris... 20.0 # 1.0 ms 93 #

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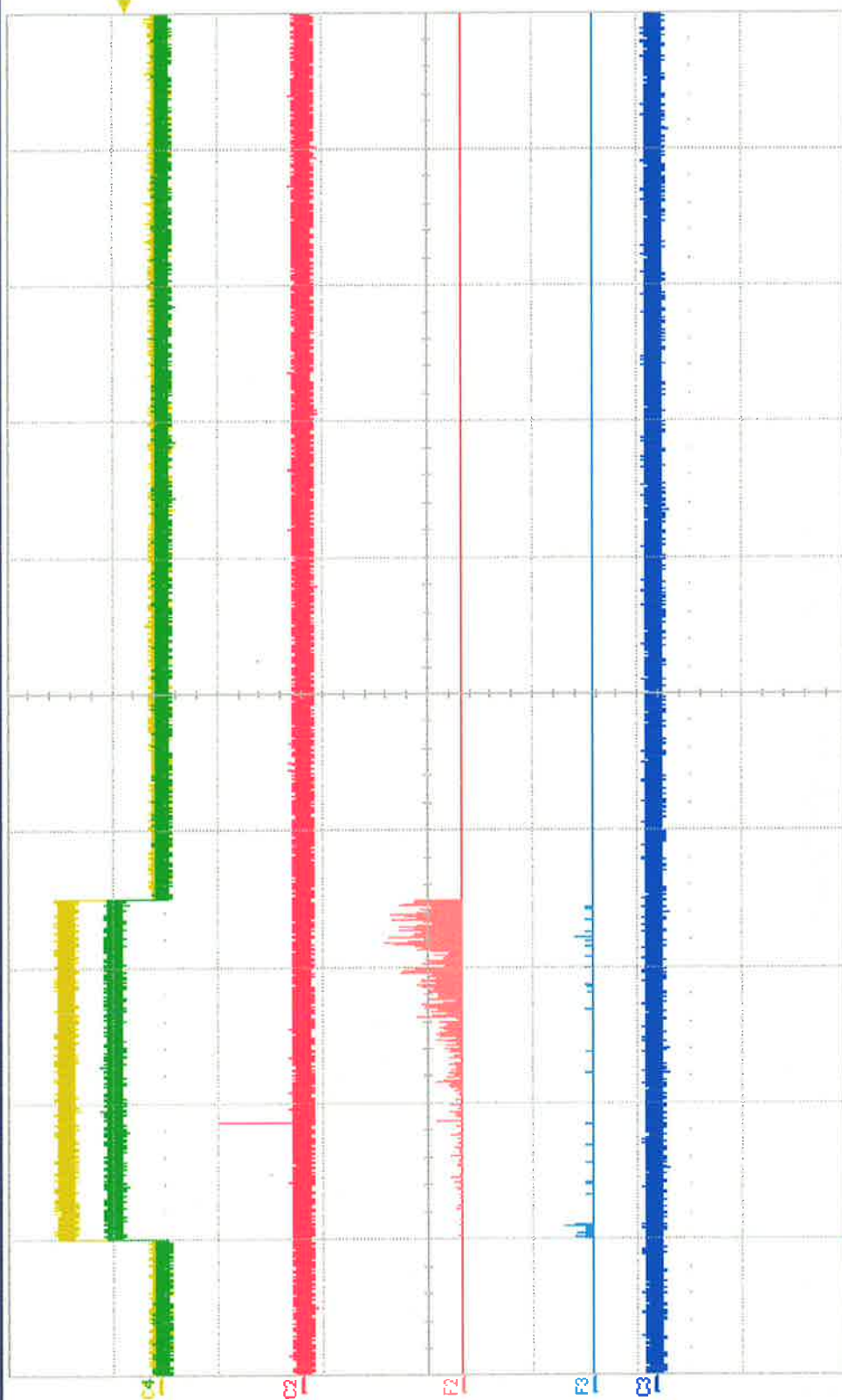
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Timebase	-2.00 ms	Trigger	Edge
	500 μ s/div		Normal
	1.00 MS		700 mV
			Negative

X1=	67.225 μ s	$\Delta X=$	-47.795 μ s
X2=	19.430 μ s	1/ $\Delta X=$	-20.923 kHz

C1	C2	C3	C4	Math	<C4>
200 mV/div	500 mV/div	100 V/div	100 V/div	100 V/div	100 V/div
380.0 mV offset	11.00 mV offset	302.0 V offset		500.0000 V	500.0000 V
				2.630 uA	2.630 uA
↓	↓	↑	↑	-464.389 V	-464.389 V
↑	↑	↑	↑	-289.593 V	-289.593 V
ΔV	ΔV	ΔV	ΔV	174.507 V	174.507 V



Timebase -4.00 ms
1.00 mV/div
500 kS

Trigger Normal
Edge
Positive

C100

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 2.12 #

F3 peris... 50.0 # 1.0 ms 182 #

TELEDYNE LECROY

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