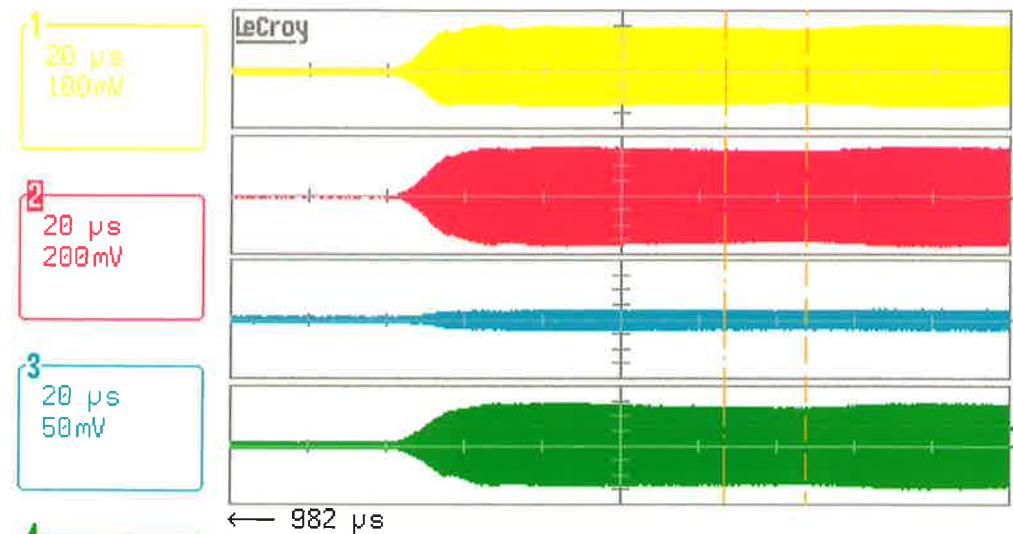


20-Oct-16
14:53:01



	35 sweeps:	average	low	high	sigma
pkpk (1)		521mV	497	619	29
pkpk (2)		1.244 V	1.200	1.400	0.050
pkpk (3)		68.9mV	64.1	78.1	3.2
pkpk (4)		261.7mV	251.6	298.4	11.0
phase(1,2)		4.9 °	0.1	10.0	1.9

20 μ s

1 .1 V DC

2 .2 V DC

3 50 mV 50Ω

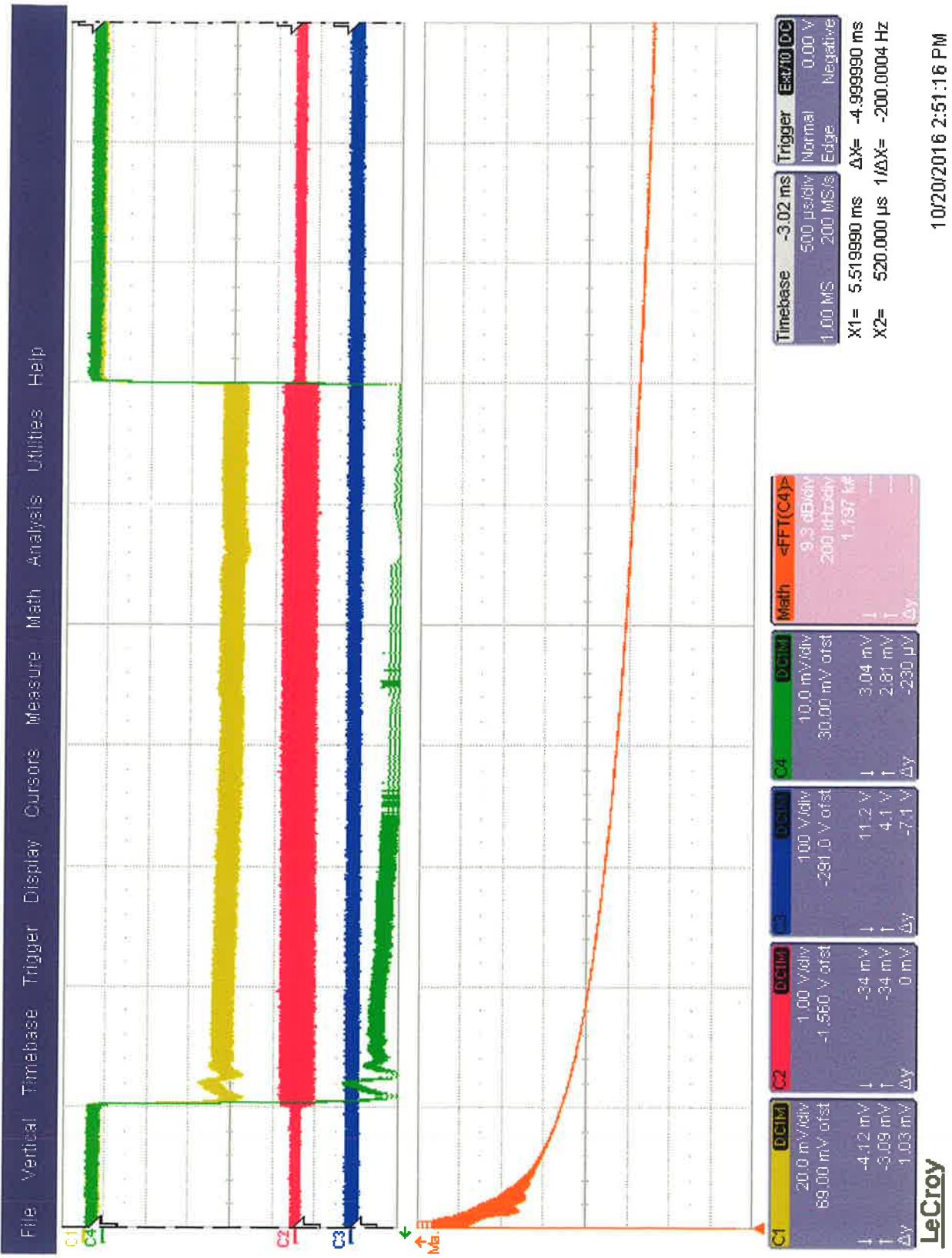
4 50 mV 50Ω



Ext10 DC 0.3 V 1MΩ

200 MS/s

NORMAL



20-Oct-16
14:53:26

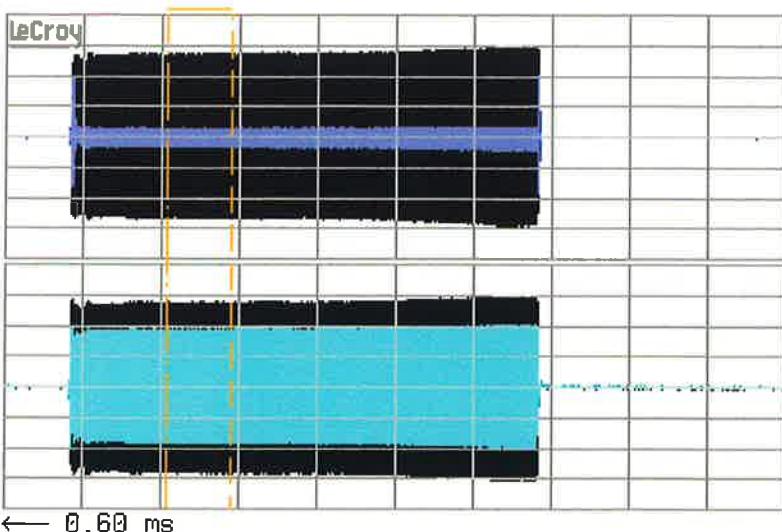
1 .5 ms
1.00 V

2 .5 ms
0.50 V

3 .5 ms
1.00 V

4 .5 ms
0.50 V

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



← 0.60 ms

	567 sweeps:	average	low	high	sigma
rms(1)		1.773 V	1.469	2.120	0.145
rms(2)		86.2mV	60.3	161.0	17.6
rms(3)		1.847 V	1.540	2.196	0.144
rms(4)		610.4mV	473.9	837.1	66.6
phase(1,3)		88 °	46	115	24

CHANNEL 2

Trace
OFF On

Coupling

ZOOM

FIND

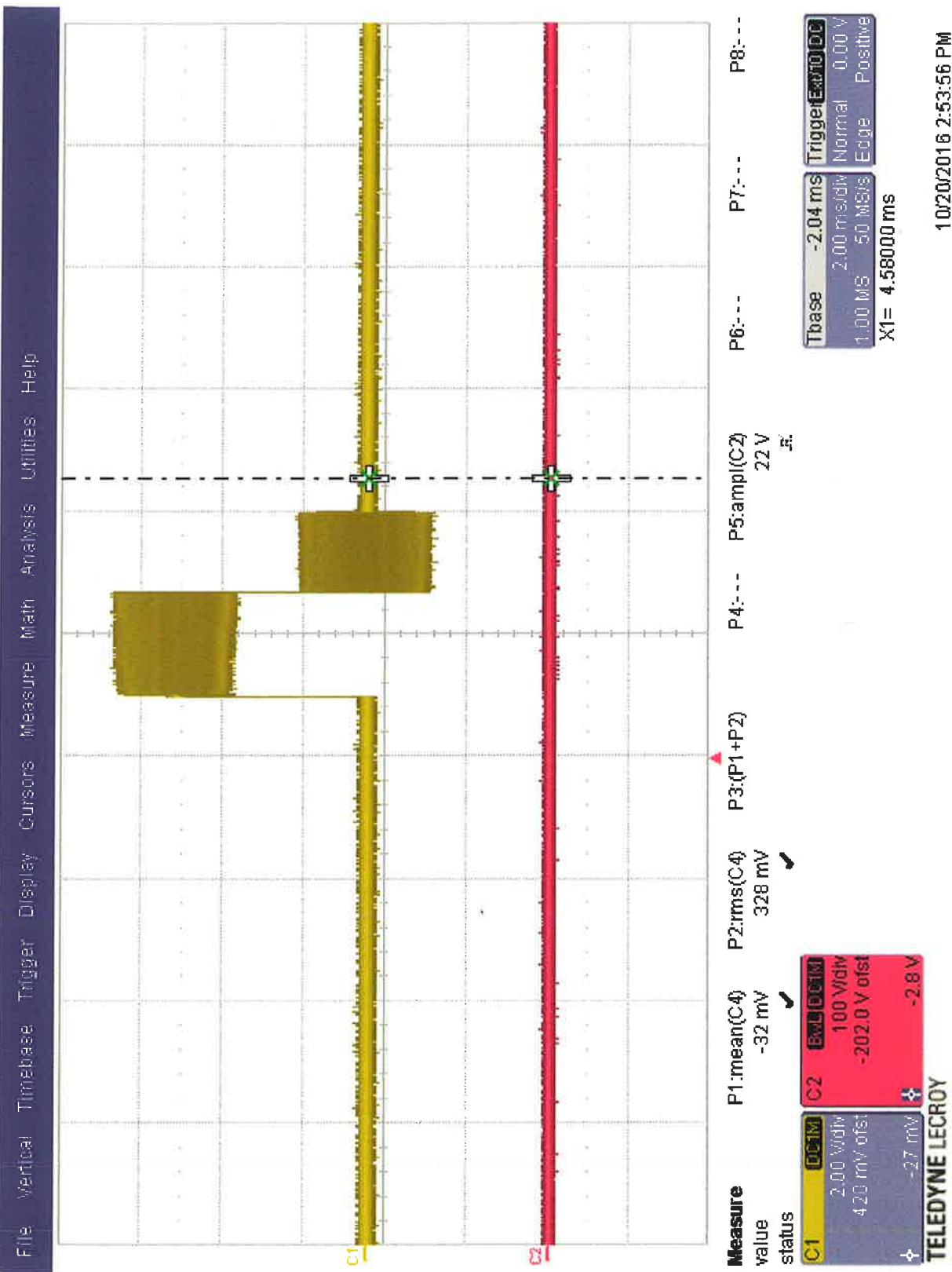
Gain
 Fixed
variable

Offsets in
Volts
 Divisions

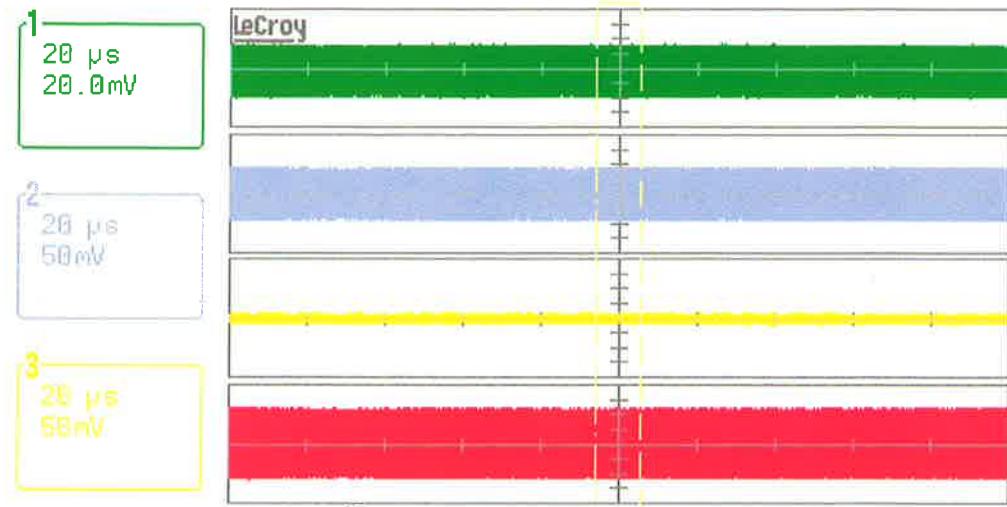
Grids
 Single Dual
Quad Octal

20 MS/s

NORMAL



20-Oct-16
14:53:04



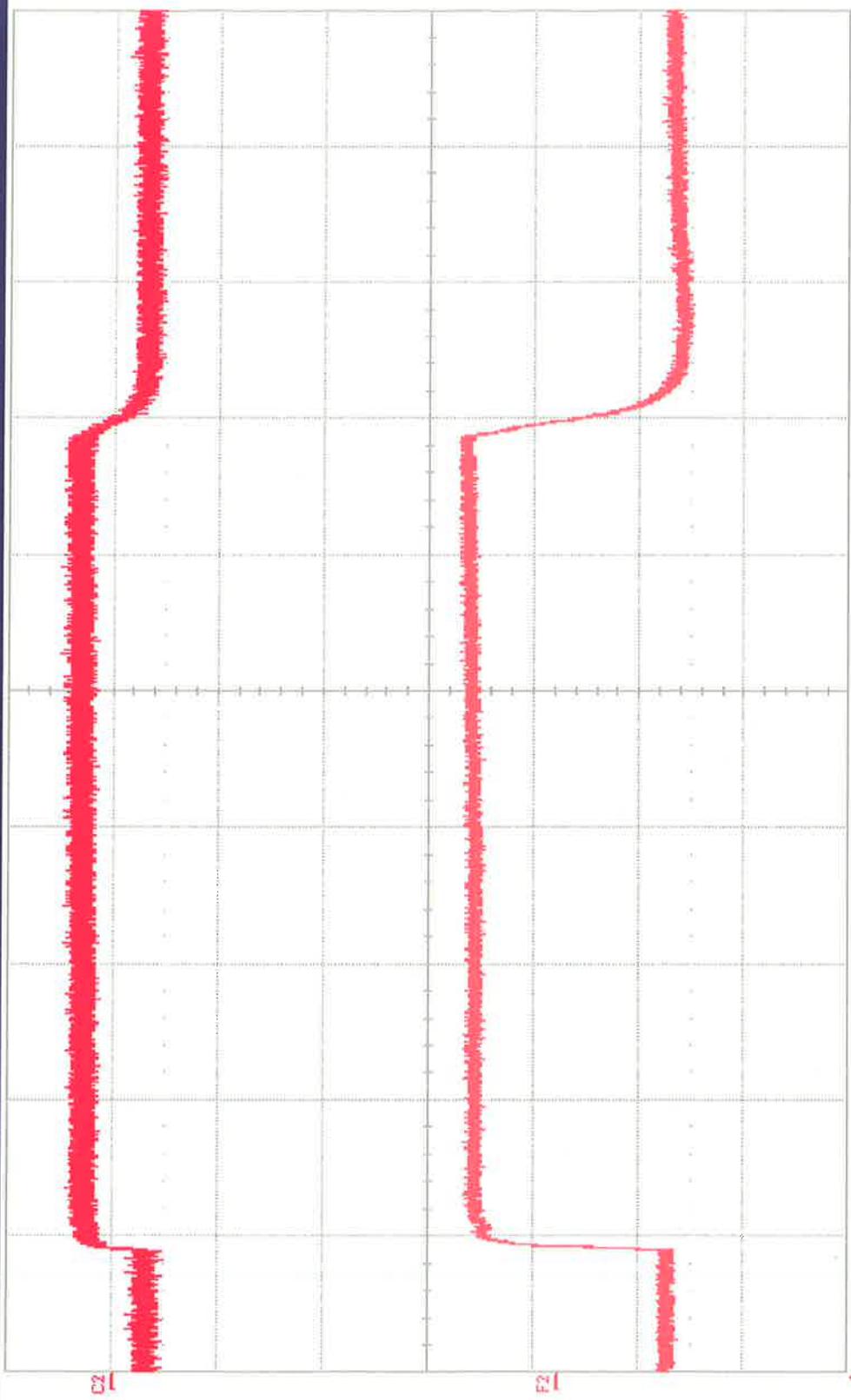
	41 sweeps:	average	low	high	sigma
pkpk (1)		69.1mV	64.4	76.2	2.8
pkpk (2)		171.9mV	157.8	181.3	5.2
pkpk (3)		41.8mV	37.5	45.3	1.4
pkpk (4)		231.3mV	217.2	243.8	6.3
20 μs	phase(3,4)	- - -	- - -	- - -	- - -

1 20 mV 50Ω
2 50 mV 50Ω
3 50 mV 50Ω^{Ext10 DC 0.15 V 1MΩ}
4 50 mV 50Ω

200 MS/s

NORMAL

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help

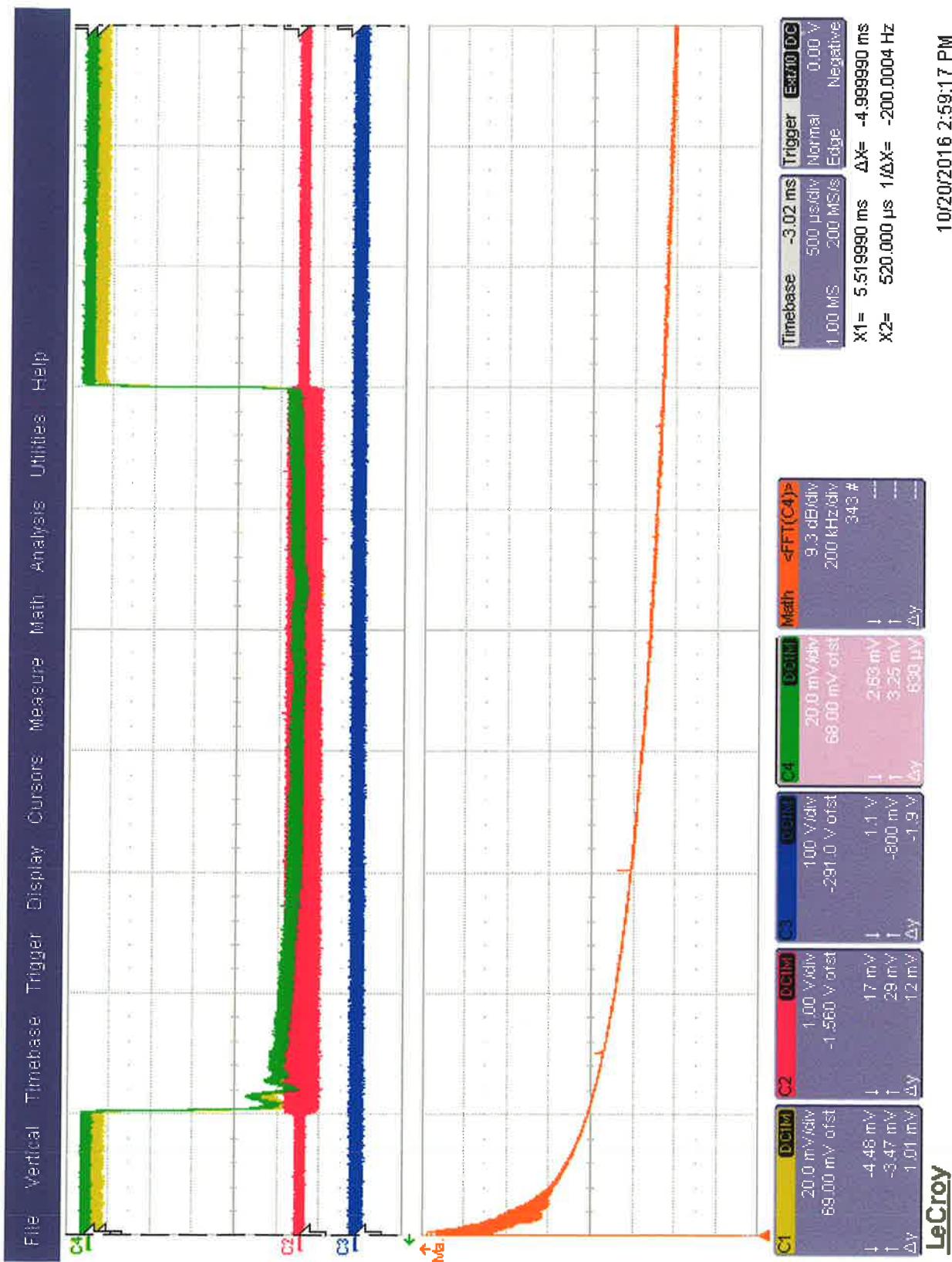


C2 DCM 100 mV/dIV <C2>
F2 30.0 mV/dIV
298.0 mV 500 μs/div
28 #

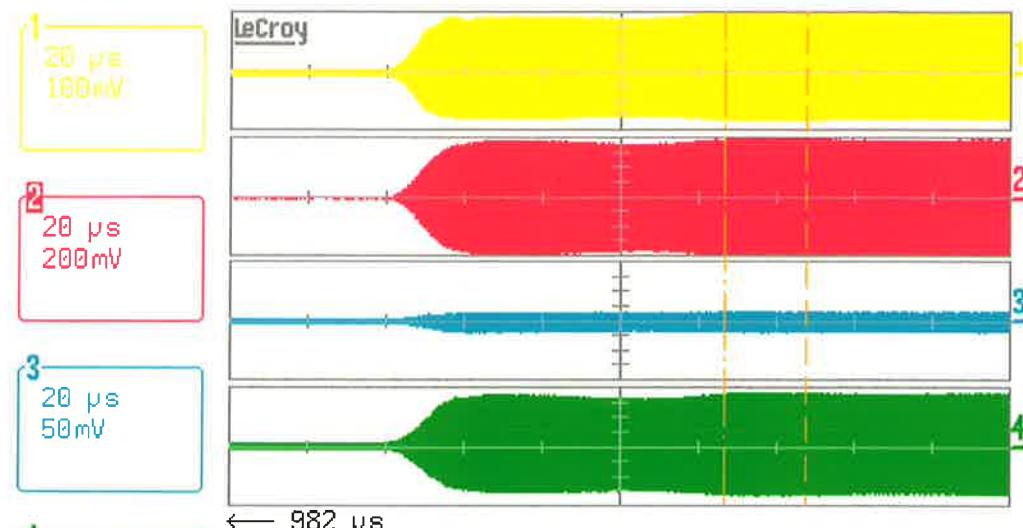
Trigger C4 DE
Normal 2.42 V
Edge Negative
Tbase -3.09 ms
500 μs/div
100 kS

LeCroy

10/20/2016 2:59:10 PM



20-Oct-16
15:01:05



	1003	sweeps:	average	low	high	sigma
pkpk(1)	↑	605mV	469	734	60	
pkpk(2)	↓	1.361 V	1.119	1.594	0.128	
pkpk(3)		67.0mV	48.4	100.0	10.2	
pkpk(4)		293.2mV	240.6	362.5	26.5	
phase(1,2)		-1.4 °	-18.6	21.3	4.7	

1 .1 V DC
2 .2 V DC
3 50 mV 50Ω
4 50 mV 50Ω



Ext10 DC 0.3 V 1MΩ

200 MS/s



NORMAL

20-Oct-16
15:01:30

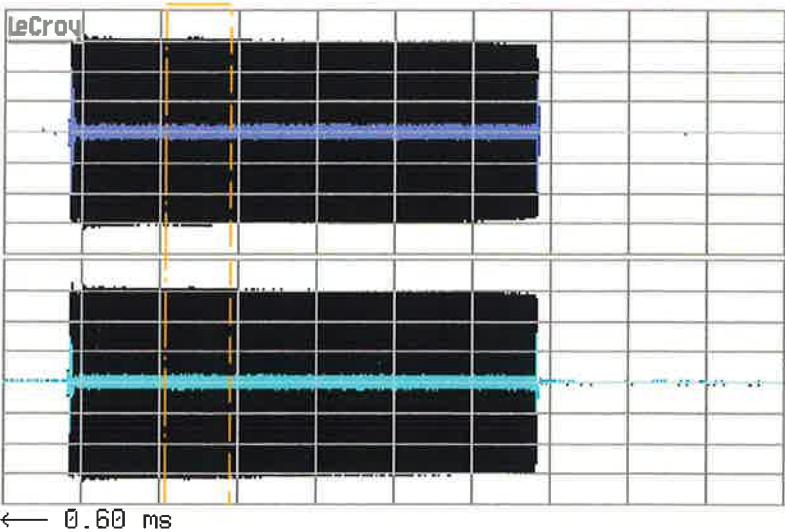
1 .5 ms
1.00 V

2 .5 ms
0.50 V

3 .5 ms
1.00 V

4 .5 ms
0.50 V

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



388 sweeps: average low high sigma
rms(1) 1.880 V 1.721 2.227 0.114
rms(2) 51.8mV 45.8 88.6 9.1
rms(3) 1.927 V 1.768 2.266 0.112
rms(4) 71.7mV 66.2 85.1 3.2
phase(1,3) 86 ° 45 113 24

CHANNEL 4

Trace
OFF **On**

Coupling

ZOOM

FIND

Gain
Fixed
variable

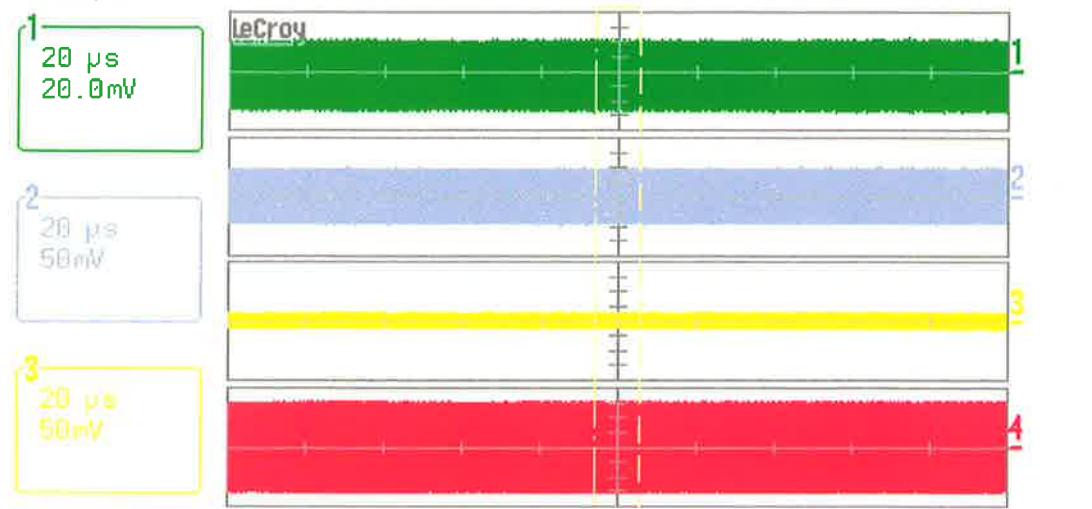
Offsets in
Volts
Divisions

Grids
Single **Dual**
Quad Octal

20 MS/s

NORMAL

20-Oct-16
15:01:08



1010 sweeps: average low high sigma

pkpk (1)	80.6mV	61.2	105.6	7.6
pkpk (2)	175.5mV	150.0	207.8	12.3
pkpk (3)	51.2mV	37.5	75.0	6.3
pkpk (4)	277.8mV	217.2	335.9	22.1
phase(3,4)	-24.84 °	-223.43	143.85	88.56

20 μs

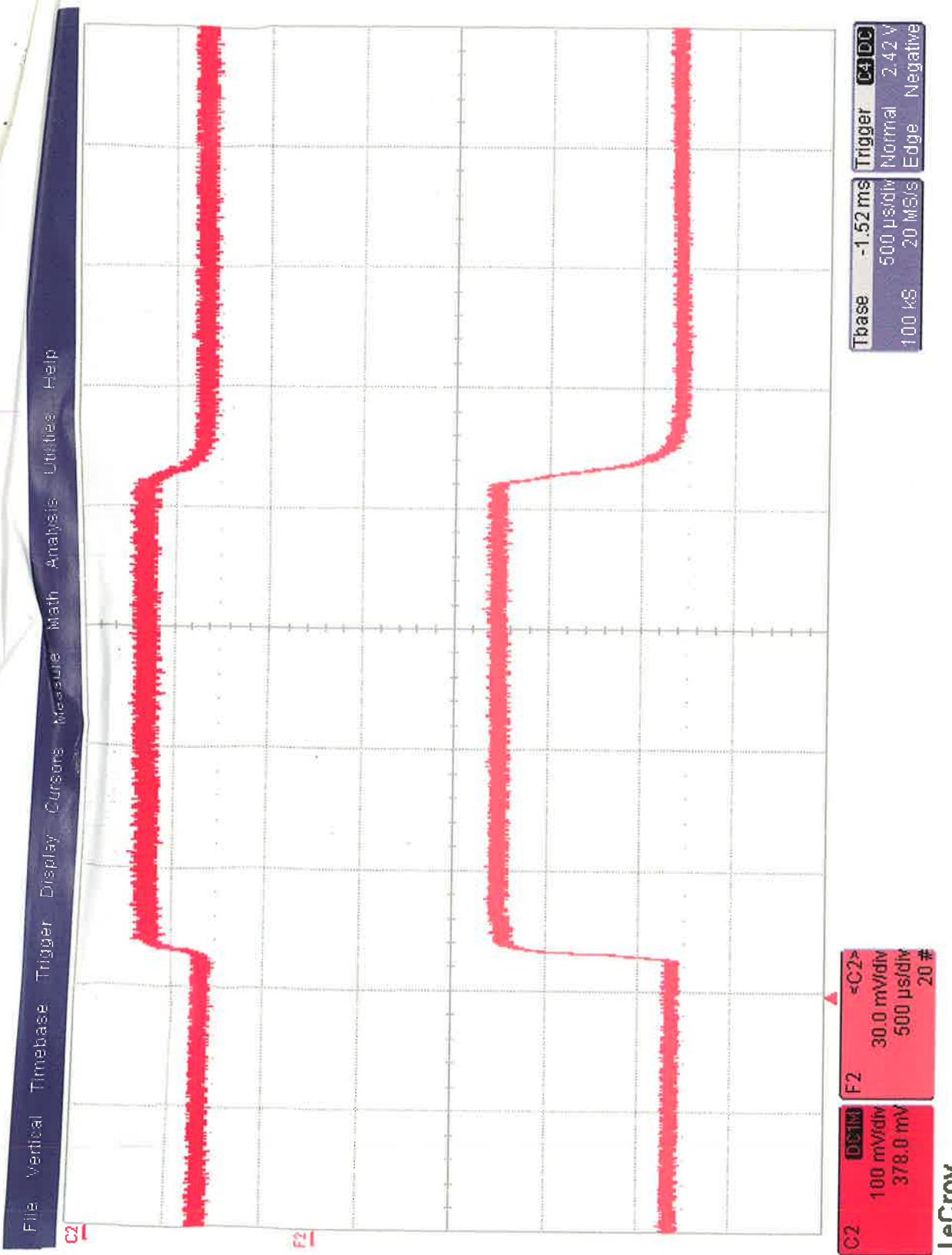
1 20 mV 50Ω
2 50 mV 50Ω
3 50 mV 50Ω
4 50 mV 50Ω



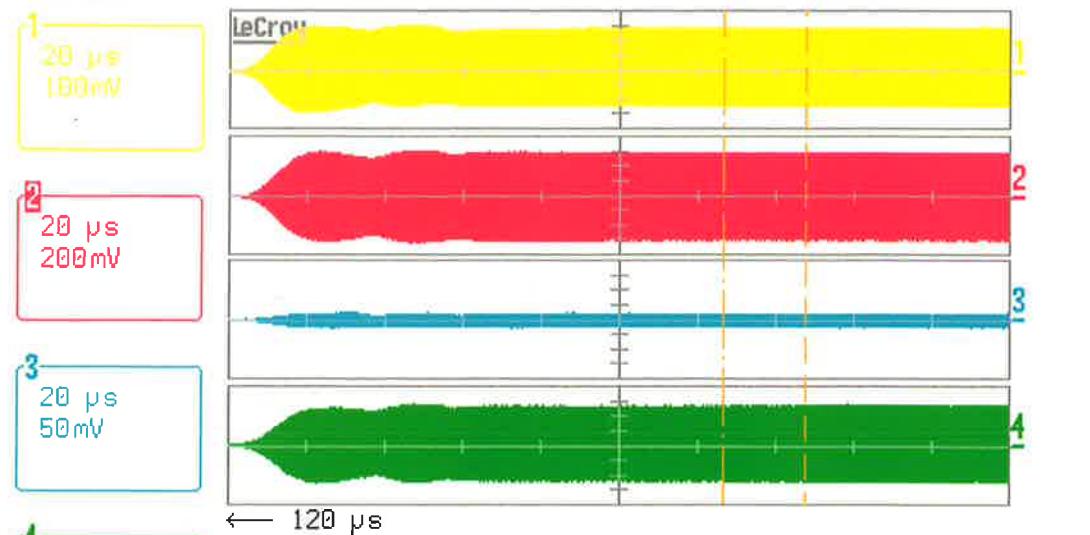
Ext10 DC 0.15 V 1MΩ

200 MS/s

NORMAL



20-Oct-16
15:21:53



1524 sweeps: average low high sigma

pkpk (1)	586mV	419	753	84
pkpk (2)	1.292 V	0.944	1.594	0.181
pkpk (3)	57.8mV	40.6	75.0	6.8
pkpk (4)	286.5mV	204.7	359.4	39.0
phase(1,2)	-2.8 °	-6.0	2.0	1.0

20 μ s

1 .1 V DC
2 .2 V DC
3 50 mV 50Ω
4 50 mV 50Ω

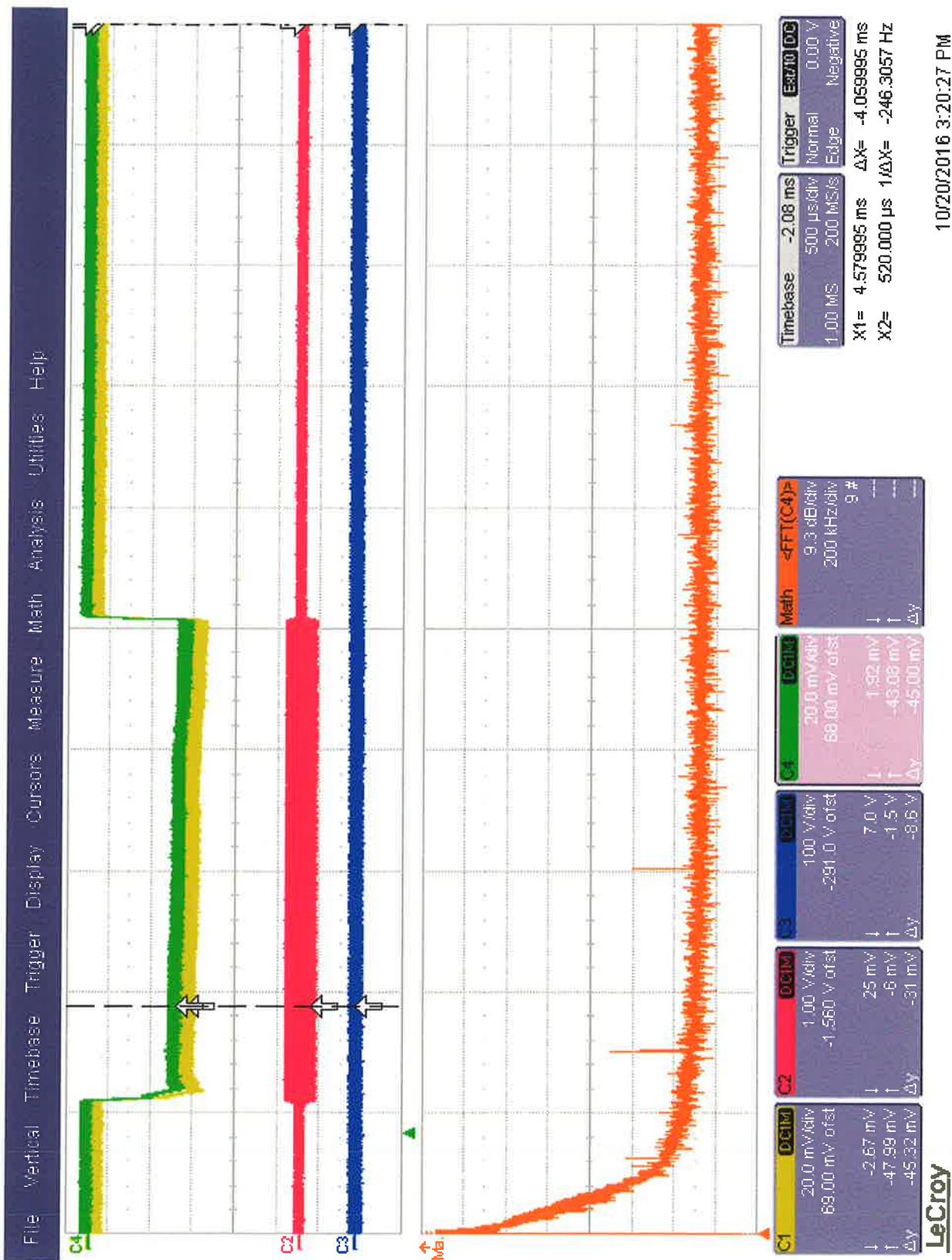


Ext10 DC 0.3 V 1MΩ

200 MS/s

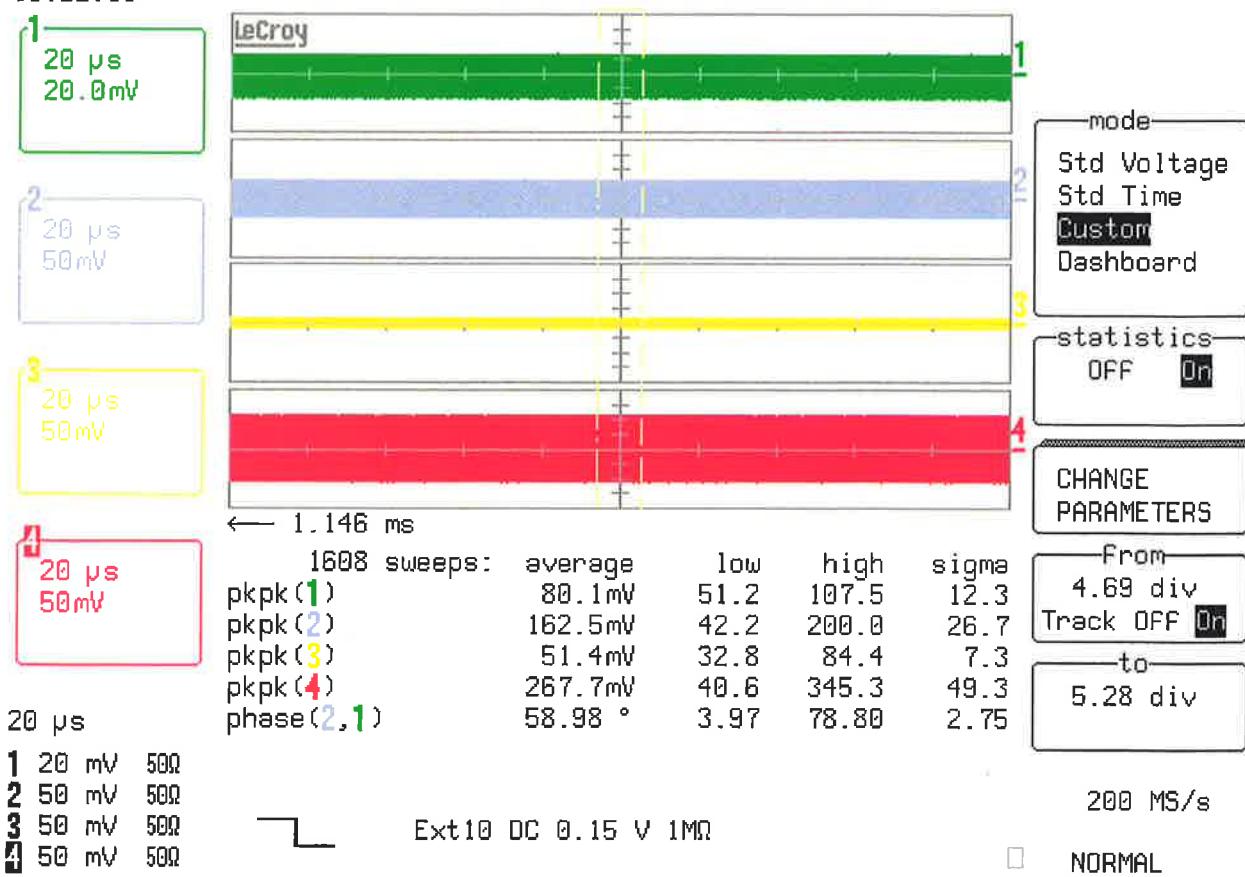


NORMAL



20-Oct-16
15:22:00

MEASURE



20-Oct-16
15:22:35

1 .5 ms
1.00 V

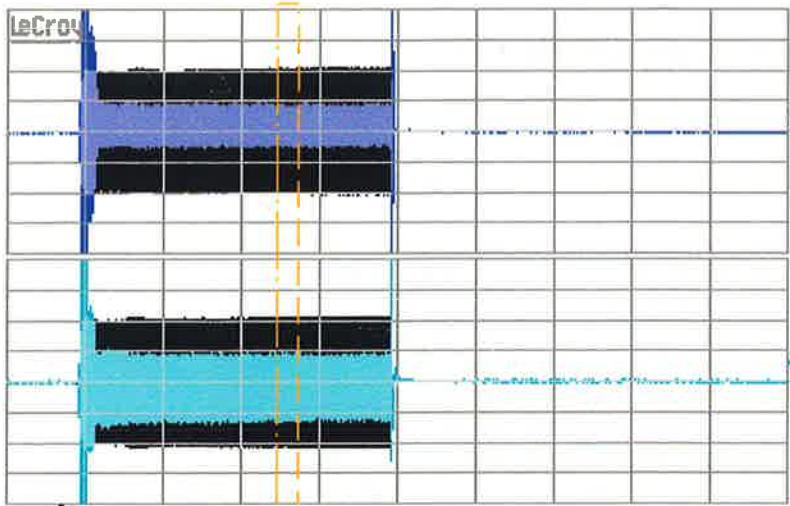
2 .5 ms
100mV

3 .5 ms
1.00 V

4 .5 ms
100mV

.5 ms

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



6 sweeps: average low high sigma

rms(1)	1.465 V	1.443	1.498	0.026
rms(2)	41.6mV	40.9	42.3	0.6
rms(3)	1.514 V	1.492	1.548	0.026
rms(4)	77.9mV	76.0	80.5	1.9
phase(1,3)	86 °	47	112	25



Ext10 DC 0.05 V 1MΩ

CHANNEL 2

Trace
OFF On

Coupling

ZOOM

FIND

Gain
Fixed Variable

Offsets in
Volts
Divisions

Grids
Single Dual
Quad Octal

20 MS/s

NORMAL