

22-Dec-22  
10:55:37

CHANNEL 3

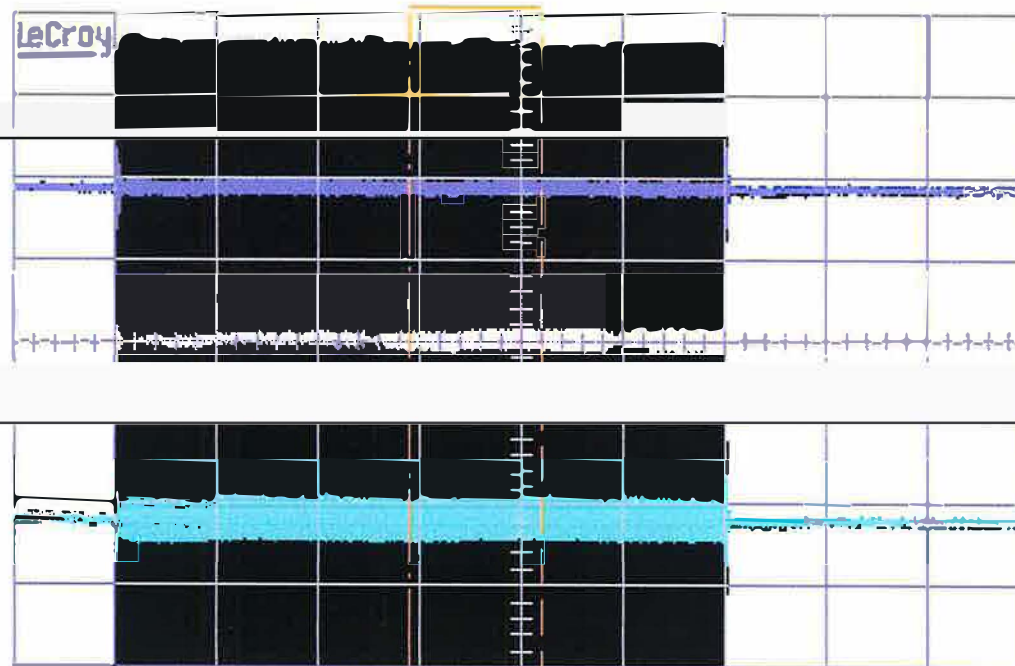
1  
1 ms  
100 mV

3  
1 ms  
100 mV

4  
1 ms  
200 mV

2  
1 ms  
200 mV

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



15 sweeps:

	average	low	high	sigma
rms(1)	122.0 mV	121.3	122.7	0.4
rms(2)	10.1 mV	9.9	10.4	0.1
rms(3)	141.4 mV	140.9	142.1	0.4
rms(4)	32.7 mV	32.5	32.9	0.1
phase(1,3)	90 °	86	94	2

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

Gain  
Fixed ☒ variable

Offsets in  
Volts

Grids  
Single ☒ Dual  
Quad Octal

10 MS/s

☐ NORMAL



Ext10 DC 0.50 V 50Ω

22-Dec-22  
10:58:48

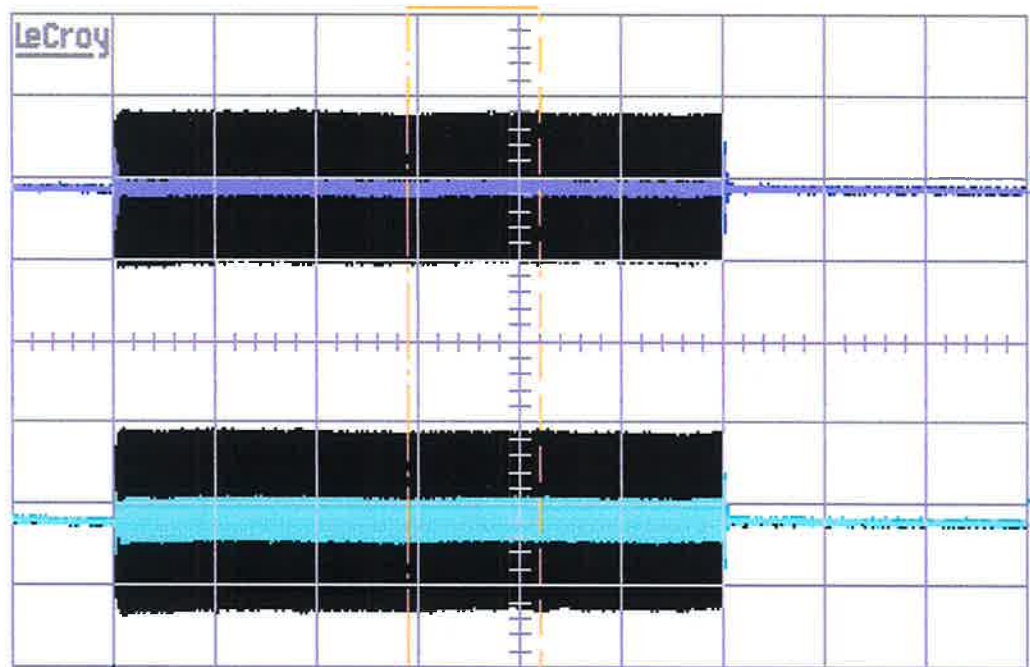
**1**  
1 ms  
200mV

**3**  
1 ms  
200mV

**4**  
1 ms  
200mV

**2**  
1 ms  
200mV

1 ms  
**1** .2 V AC  
**2** .2 V AC  
**3** .2 V AC  
**4** .2 V AC



172 sweeps:    average    low    high    sigma  
rms(1)    123.2mV    120.8    125.9    1.3  
rms(2)    10.3mV    9.6    11.3    0.4  
rms(3)    147.1mV    144.2    150.1    1.5  
rms(4)    33.2mV    32.5    33.9    0.4  
phase(1,3)    90 °    83    97    2

CHANNEL 1

Trace  
OFF **On**

Coupling

ZOOM

FIND

Gain  
**Fixed**  
variable

Offsets in  
Volts  
**Divisions**

Grids  
**Single** Dual  
Quad Octal

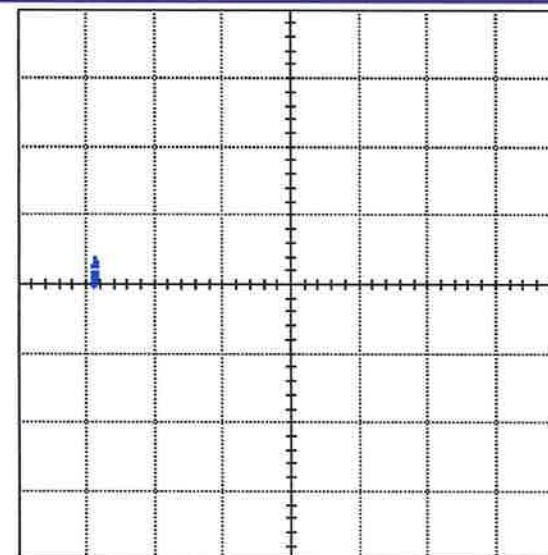
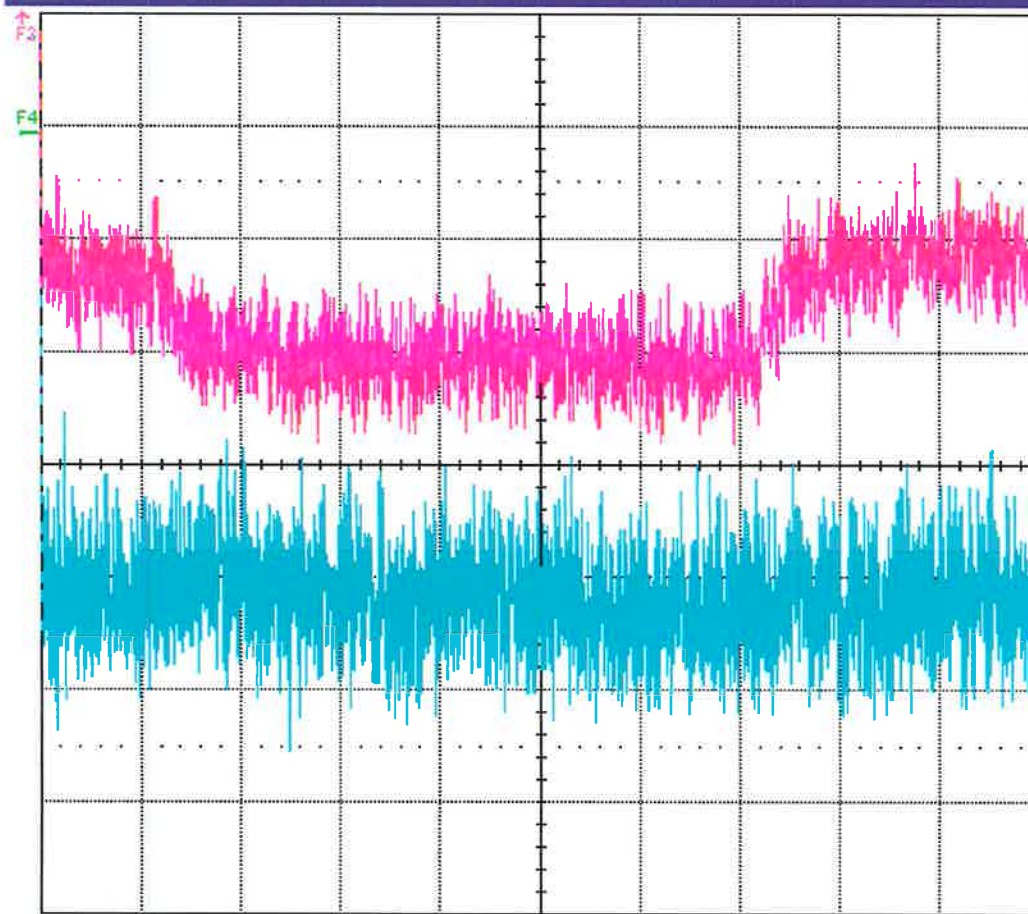
10 MS/s

☐ NORMAL



Ext10 DC 0.50 V 50Ω

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = 0$   $\Delta Y^* \Delta X = 0 \text{ V}^2$   
 $0 \text{ dB}$   $\text{Angle} = 0^\circ$   
 Radius =  $0 \text{ V}$

<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F3 script(C3,C2)</b>	<b>F4 &lt;FFT(C2)&gt;</b>	<b>XY XC2 Y:C3</b>
10.0e-3/div	50.0e-3/div	5.00 dB/div	200 mV/div	200 mV/div
1.00 ms/div	1.00 ms/div	5.00 kHz/div		
81 #		81 #		
			X	Y

Tbase -3.98 ms Trigger Ext/IO DC  
 1.00 ms/div Normal 130 mV  
 100 kS 10 MS/s Edge Negative  
 X1= -1.0200 ms

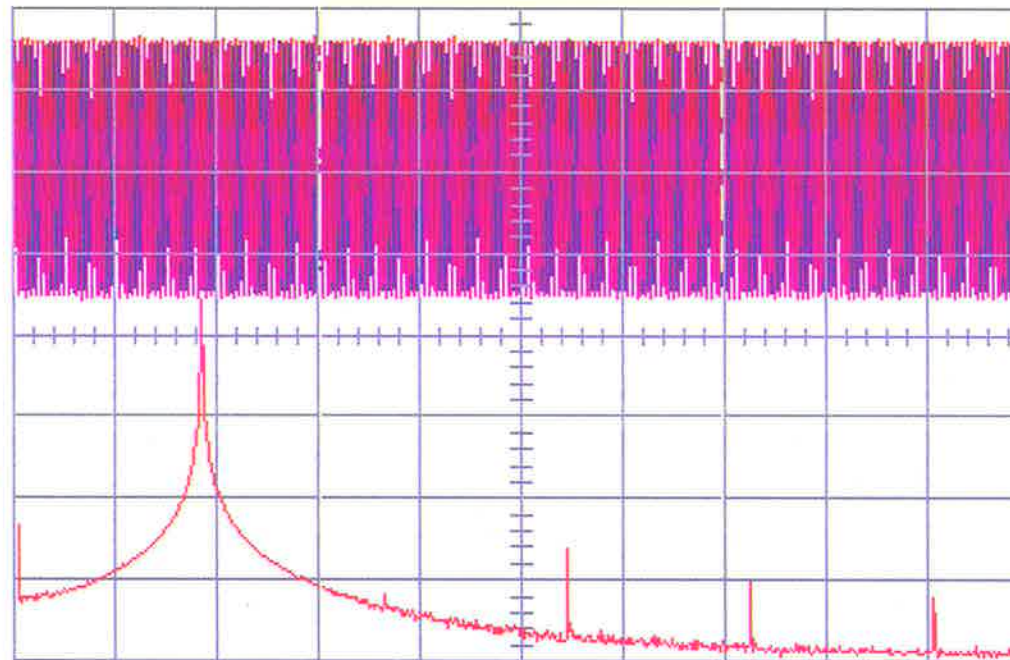
LeCroy

12/22/2022 10:58:51 AM

22-Dec-22  
10:59:08

3  
10  $\mu$ s  
0.50 V

10  $\mu$ s  
0.50 V  
3: Average(A)  
1 MHz  
=15.0 dBm==



← 1.900 ms

	8 sweeps:	average	low	high	sigma
phase(4,3)		83.85 °	81.24	86.68	1.02
pkpk(3)		1.613 V	1.594	1.641	0.016
rms(2)		17.1mV	16.7	17.6	0.3
rms(4)		522.7mV	520.5	530.3	3.2
rms(3)		543.4mV	541.2	551.2	3.3

10  $\mu$ s

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



Ext10 DC 0.15 V 50 $\Omega$

CHANNEL 4

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

Gain  
Fixed ☒  
variable

Offsets in  
Volts  
Divisions ☒

Grids  
Single ☒ Dual  
Quad Octal

1 GS/s

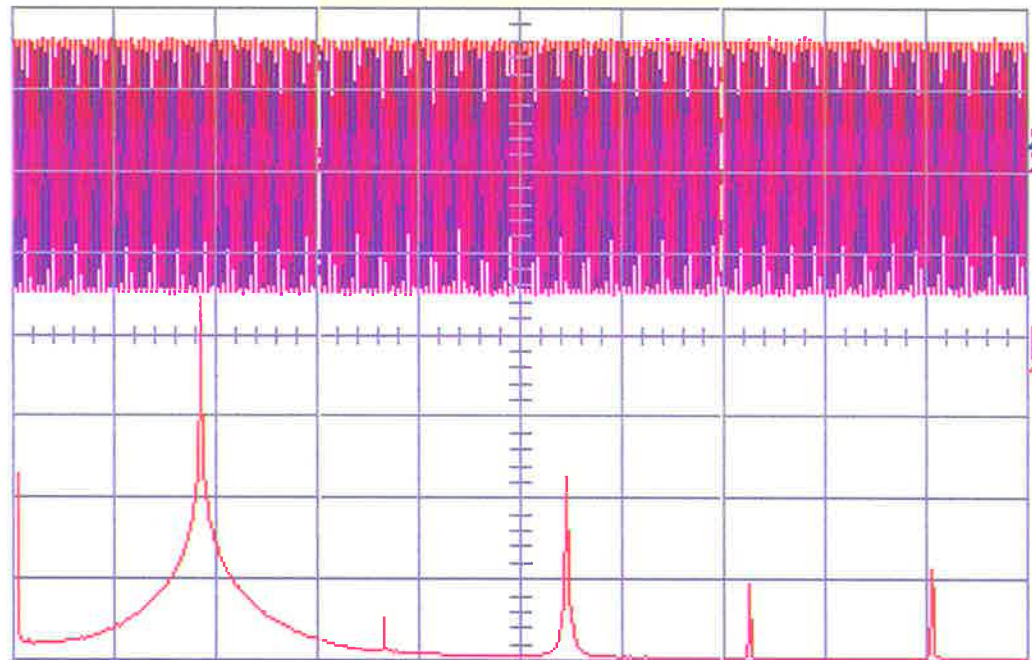
DISPLAY ☐ NORMAL



22-Dec-22  
11:23:16

8  
10  $\mu$ s  
1.00 V

4  
10  $\mu$ s  
1.00 V  
3: Average(A)  
1 MHz  
=15.0 dBm==



← 1.900 ms

	225 sweeps:	average	low	high	sigma
phase(4,3)		85.84 °	81.79	90.16	1.05
pkpk(3)		3.17 V	3.09	3.28	0.04
rms(2)		25.0mV	24.1	26.0	0.4
rms(4)		0.980 V	0.964	1.006	0.008
rms(3)		1.052 V	1.033	1.083	0.010

10  $\mu$ s

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



Ext10 DC 0.15 V 50 $\Omega$

CHANNEL 3

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

Gain  
Fixed ☒  
variable

Offsets in  
Volts  
Divisions

Grids  
Single ☒ Dual  
Quad Octal

1 GS/s

☐ NORMAL

22-Dec-22  
11:23:17

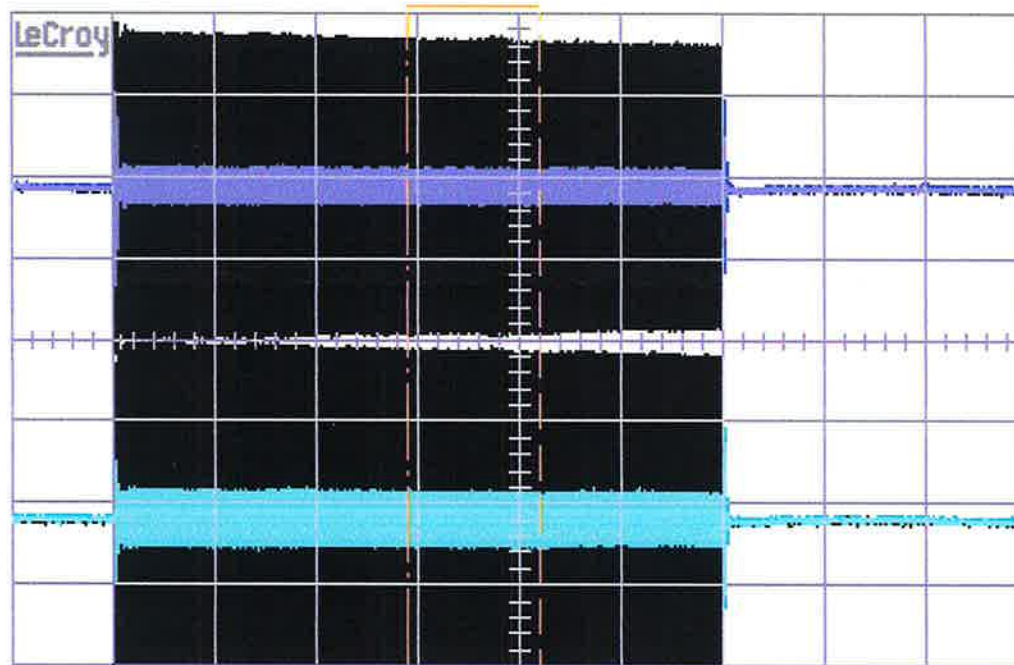
**1**  
1 ms  
200mV

**3**  
1 ms  
200mV

**4**  
1 ms  
200mV

**2**  
1 ms  
200mV

1 ms  
**1** .2 V AC  
**2** .2 V AC  
**3** .2 V AC  
**4** .2 V AC



237 sweeps:

	average	low	high	sigma
rms(1)	252.1mV	247.2	256.3	2.5
rms(2)	31.1mV	28.9	33.4	0.9
rms(3)	280.6mV	276.6	284.2	2.0
rms(4)	48.1mV	47.1	49.0	0.5
phase(1,3)	86 °	82	90	1



Ext10 DC 0.50 V 50Ω

CHANNEL 1

Trace  
OFF **On**

Coupling

ZOOM

FIND

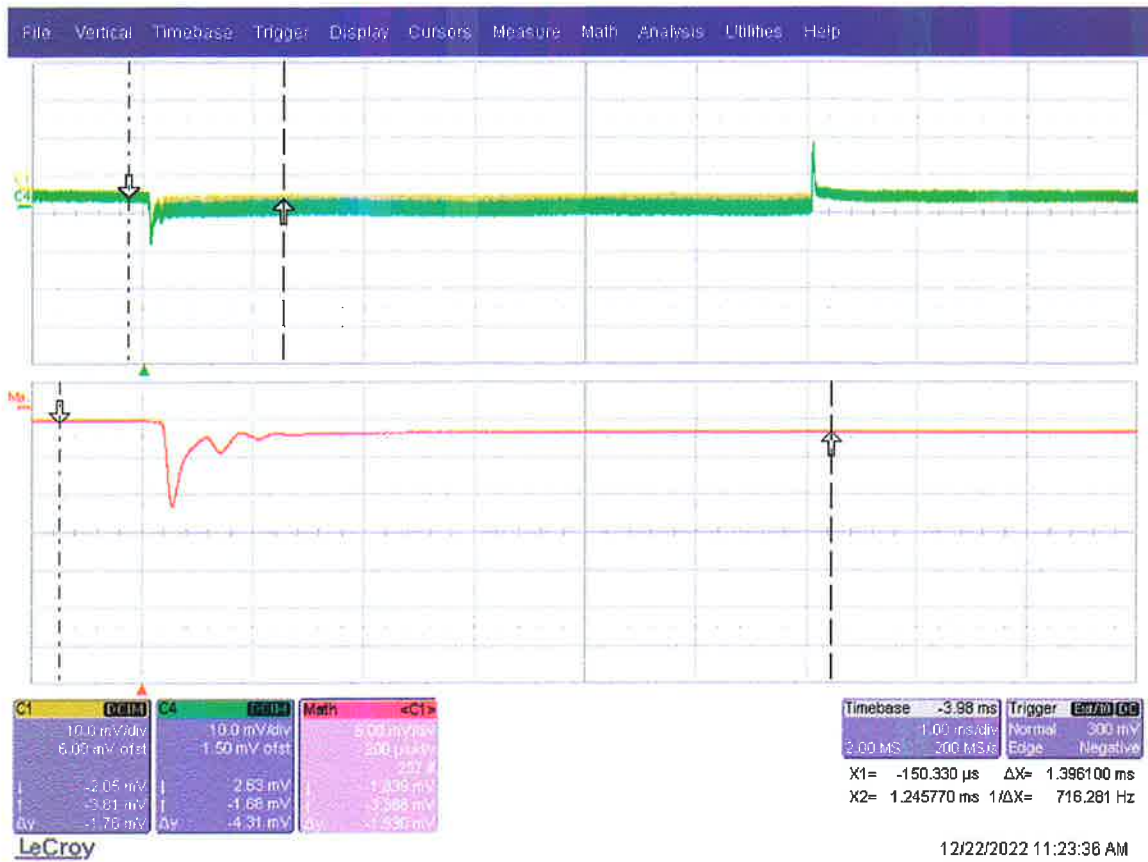
Gain  
**Fixed**  
variable

Offsets in  
Volts  
**Divisions**

Grids  
**Single** Dual  
Quad Octal

10 MS/s

☐ NORMAL

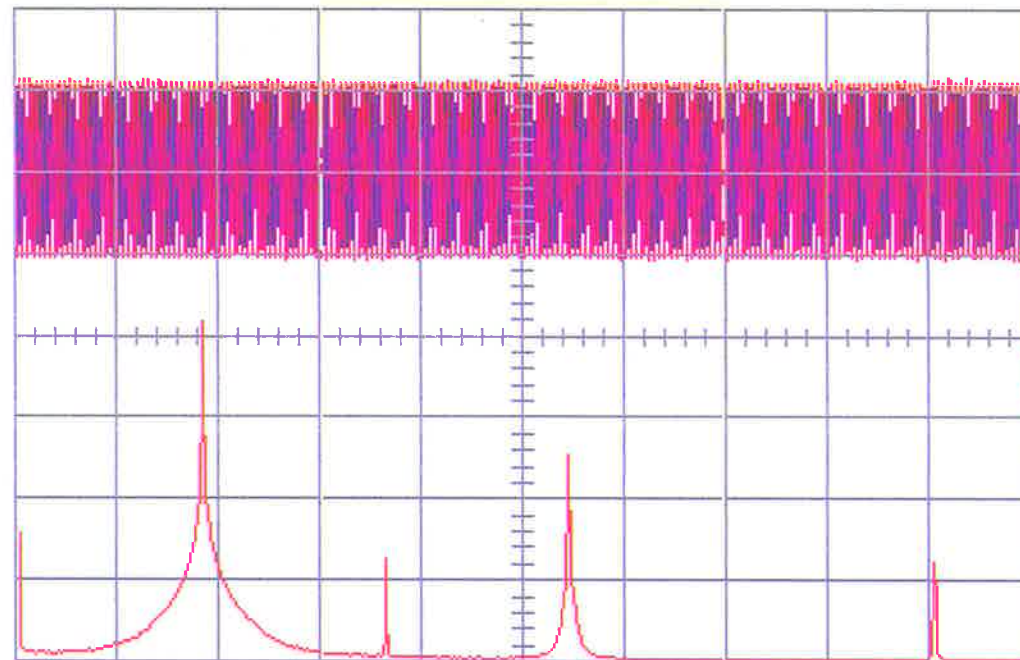


22-Dec-22

11:38:33

3  
10  $\mu$ s  
2.00 V

1  
10  $\mu$ s  
2.00 V  
B: Average(A)  
1 MHz  
=15.0 dBm==



← 1.900 ms

	154 sweeps:	average	low	high	sigma
phase(4,3)		88.64 °	82.04	94.50	1.65
pkpk(3)		4.49 V	4.38	4.56	0.05
rms(2)		35.0mV	34.3	36.0	0.3
rms(4)		1.260 V	1.248	1.285	0.009
rms(3)		1.414 V	1.399	1.446	0.012

10  $\mu$ s

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



Ext10 DC 0.15 V 50 $\Omega$

CHANNEL 4

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

Gain  
Fixed ☒ variable

Offsets in  
Volts  
Divisions ☒

Grids  
Single ☒ Dual  
Quad Octal

1 GS/s

DISPLAY ☐ NORMAL



22-Dec-22  
11:38:34

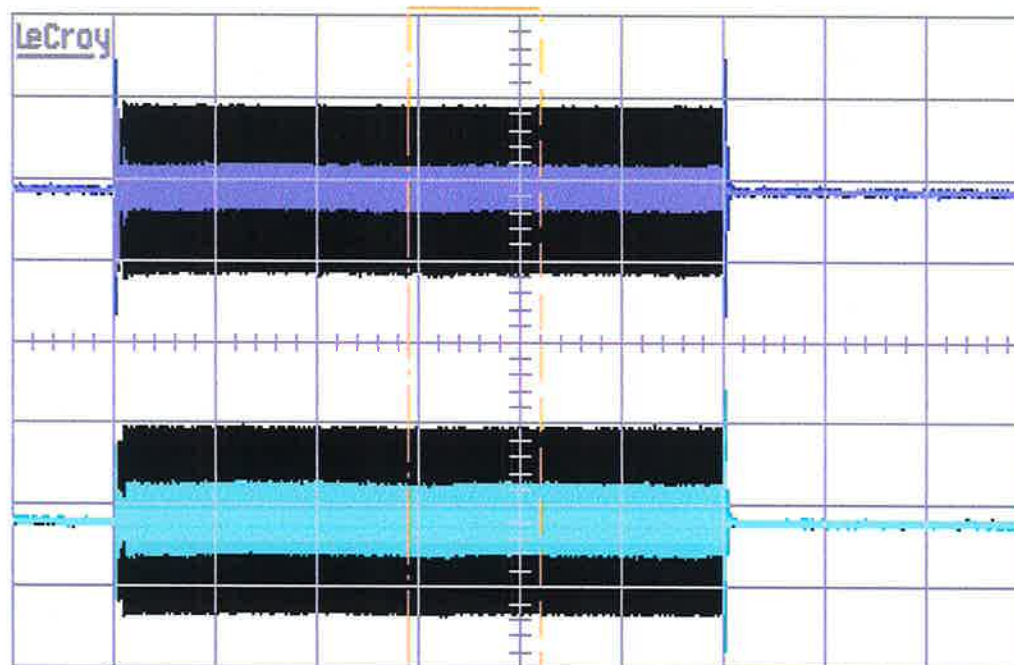
1  
1 ms  
0.50 V

3  
1 ms  
0.50 V

4  
1 ms  
200 mV

2  
1 ms  
200 mV

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



145 sweeps:    average    low    high    sigma

rms(1)	354.6 mV	350.7	360.0	3.0
rms(2)	39.4 mV	37.6	40.5	0.6
rms(3)	387.4 mV	383.5	392.6	2.9
rms(4)	63.2 mV	62.2	64.3	0.5
phase(1,3)	84 °	79	91	2



Ext10 DC 0.50 V 50Ω

CHANNEL 3

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

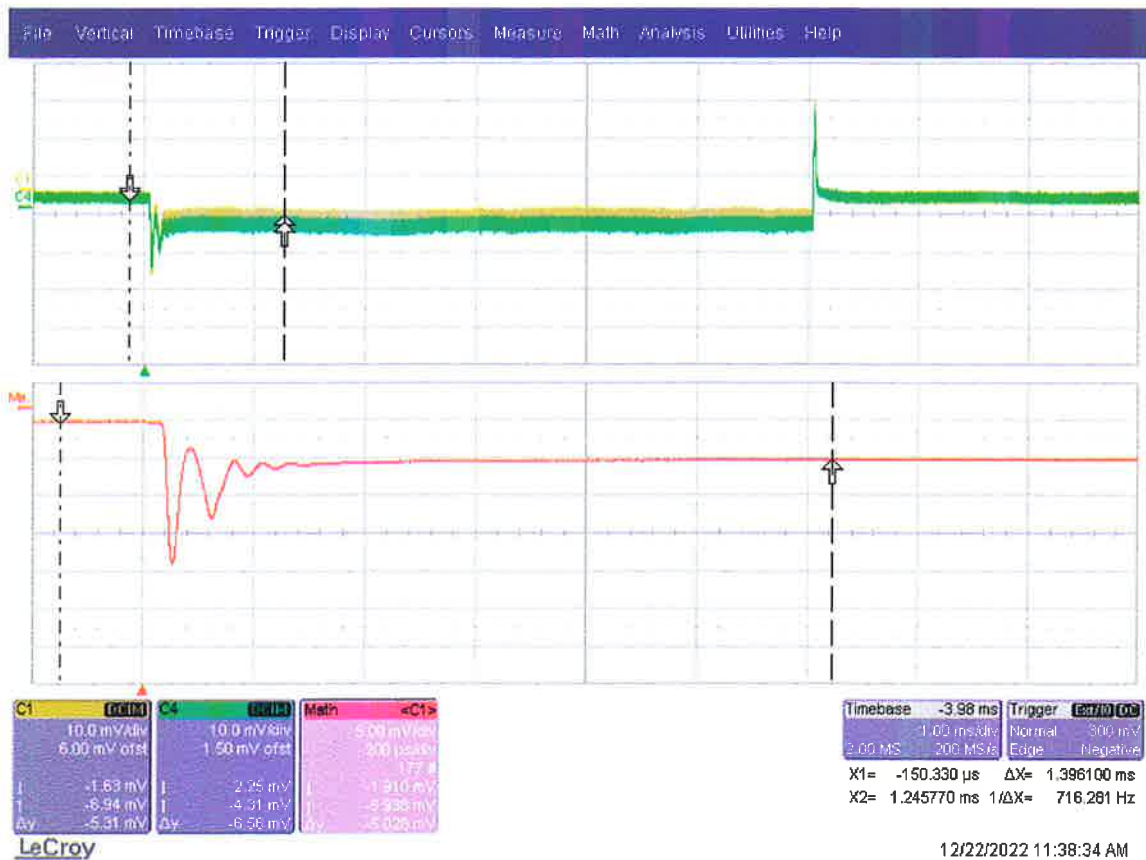
Gain  
Fixed ☒ variable

Offsets in  
Volts  
Divisions ☒

Grids  
Single ☒ Dual  
Quad Octal

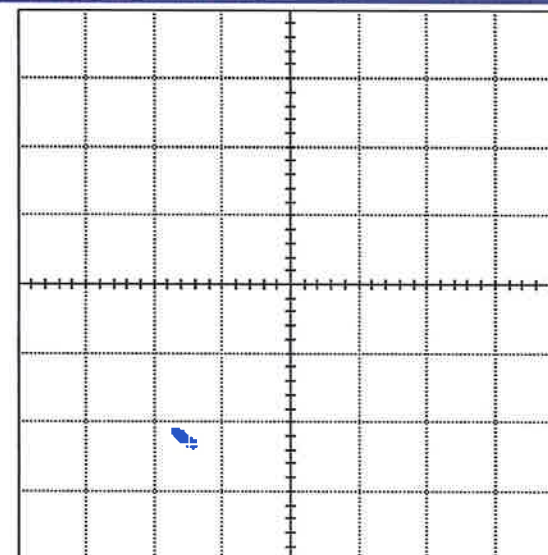
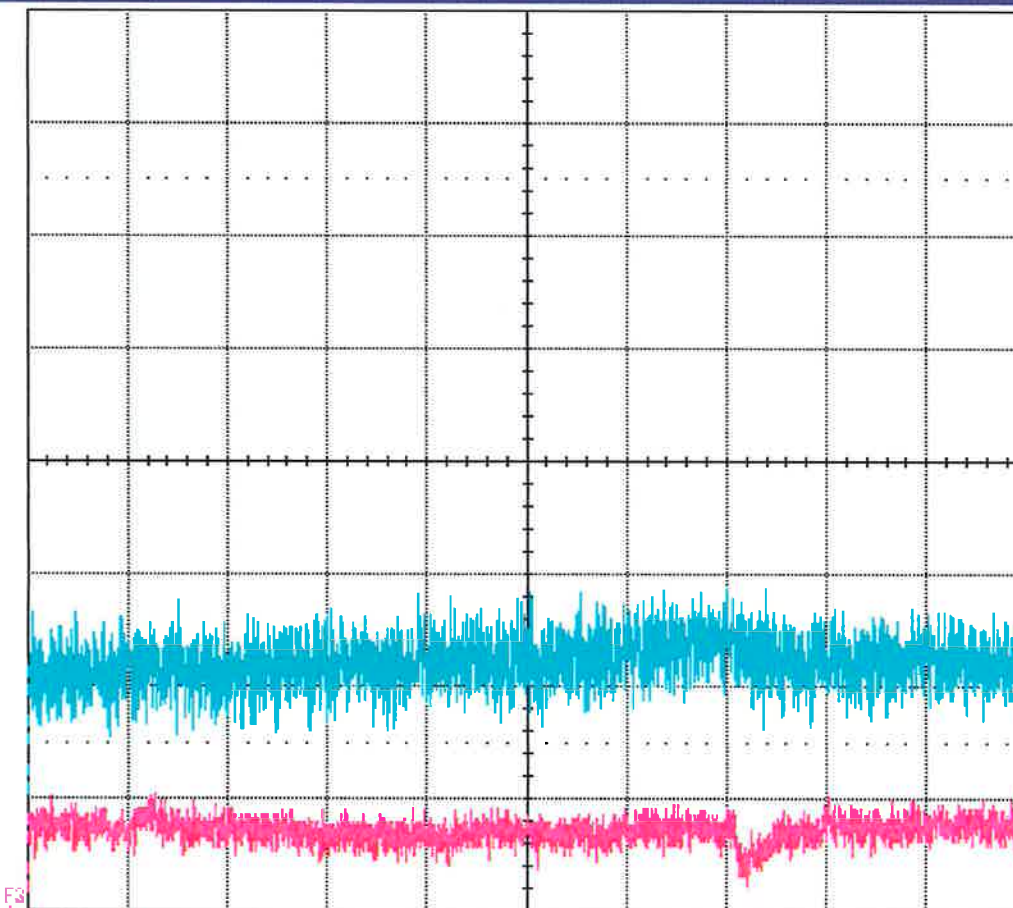
10 MS/s

☐ NORMAL



12/22/2022 11:38:34 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = 0$      $\Delta Y^* \Delta X = 0 \text{ V}^2$   
 0 dB    Angle =  $0^\circ$   
 Radius = 0 V

<b>F2</b>	<F3>	<b>F3</b>	script(C3,C2)	<b>XY</b>	X:C2 Y:C3
20.0e-3/div		100e-3/div		200 mV/div	
1.00 ms/div		1.00 ms/div		200 mV/div	
145 #					
✱		✱		✱	

Tbase	-3.98 ms	Trigger Ext	10 DC
	1.00 ms/div	Normal	130 mV
100 kS	10 MS/s	Edge	Negative
X1= -1.0200 ms			

LeCroy

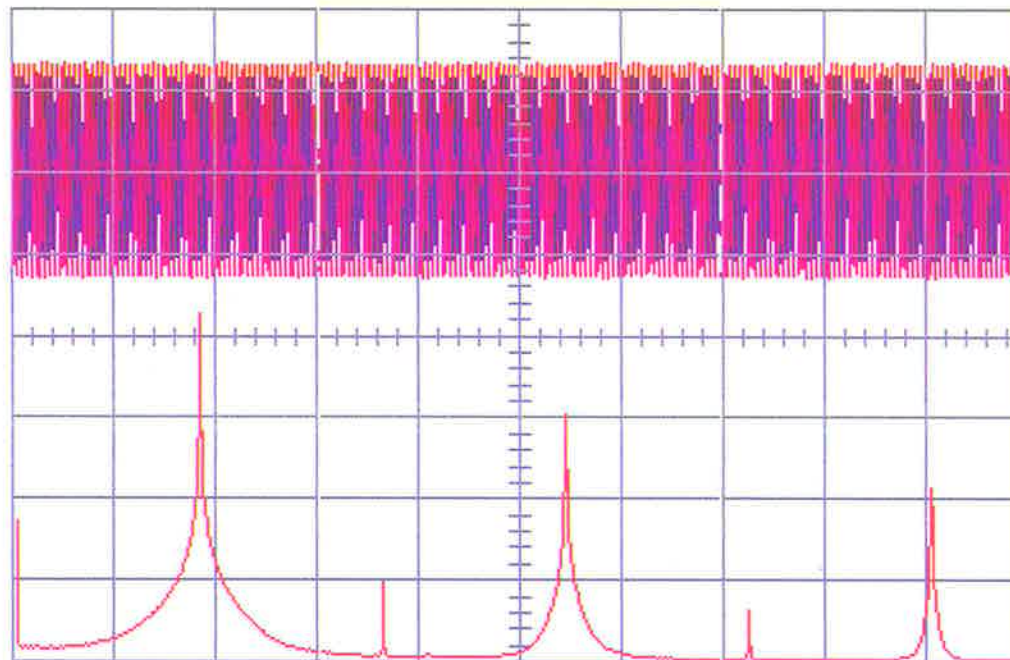
12/22/2022 11:40:36 AM

22-Dec-22  
11:54:28

3  
10  $\mu$ s  
2.00 V

10  $\mu$ s  
2.00 V

B: Average(A)  
1 MHz  
=15.0 dBm==



← 1.900 ms

	215 sweeps:	average	low	high	sigma
phase(4,3)		93.07 °	83.97	100.61	2.00
pkpk(3)		5.34 V	5.31	5.50	0.04
rms(2)		38.6mV	37.8	39.5	0.4
rms(4)		1.430 V	1.419	1.444	0.006
rms(3)		1.645 V	1.634	1.660	0.006

10  $\mu$ s

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



Ext10 DC 0.15 V 50 $\Omega$

CHANNEL 4

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

Gain  
Fixed  
variable

Offsets in  
Volts  
Divisions

Grids  
Single Dual  
Quad Octal

1 GS/s

NORMAL

22-Dec-22  
11:54:30

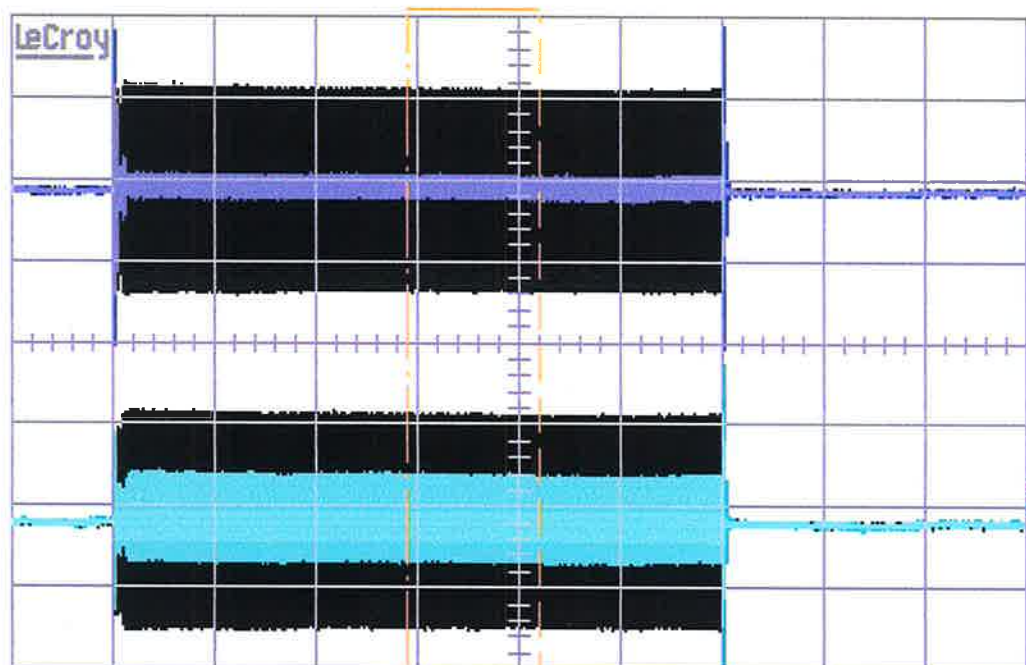
1  
1 ms  
0.50 V

3  
1 ms  
0.50 V

4  
1 ms  
200 mV

2  
1 ms  
200 mV

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



225 sweeps:    average    low    high    sigma

rms(1)	435.1mV	430.8	437.9	2.1
rms(2)	25.5mV	20.2	31.5	3.3
rms(3)	456.2mV	452.3	458.7	2.1
rms(4)	75.6mV	74.6	76.5	0.5
phase(1,3)	82 °	77	88	2



Ext10 DC 0.50 V 50Ω

CHANNEL 3

Trace  
OFF ☒ On

Coupling

ZOOM

FIND

Gain  
Fixed ☒ variable

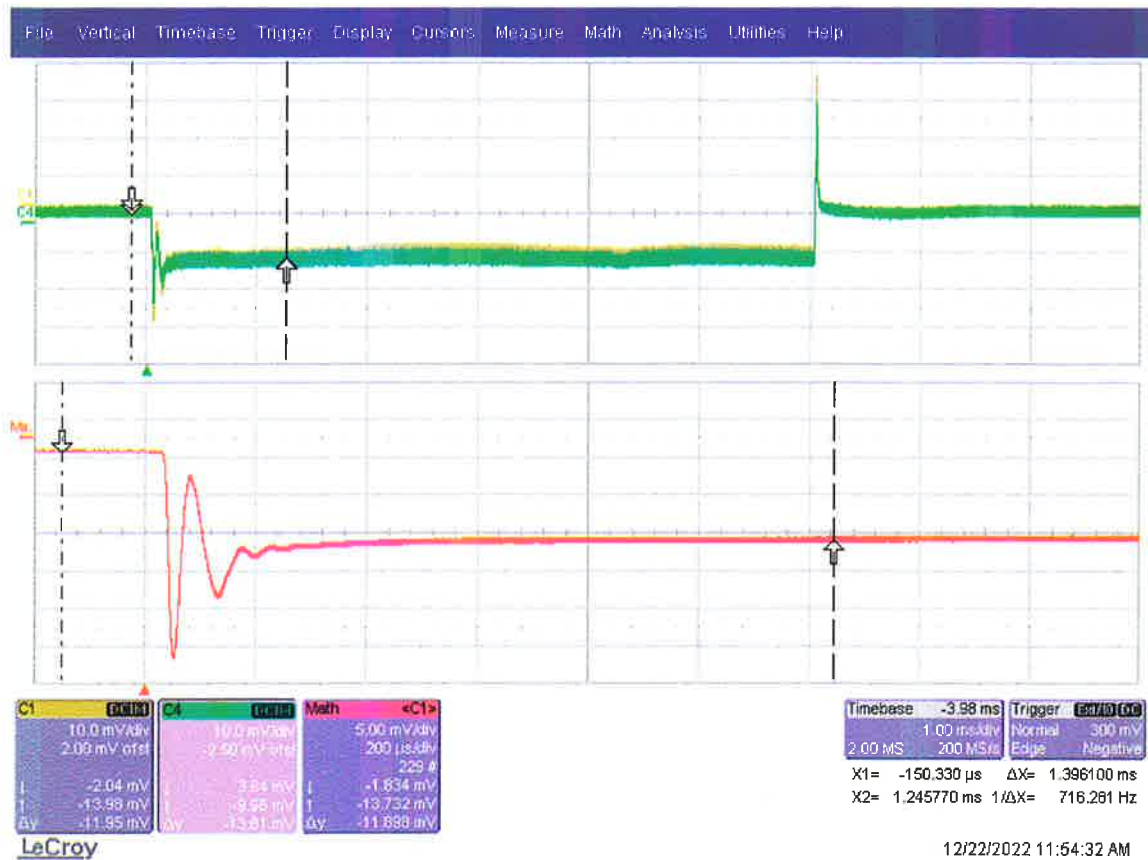
Offsets in  
Volts  
Divisions ☒

Grids  
Single ☒ Dual  
Quad Octal

10 MS/s

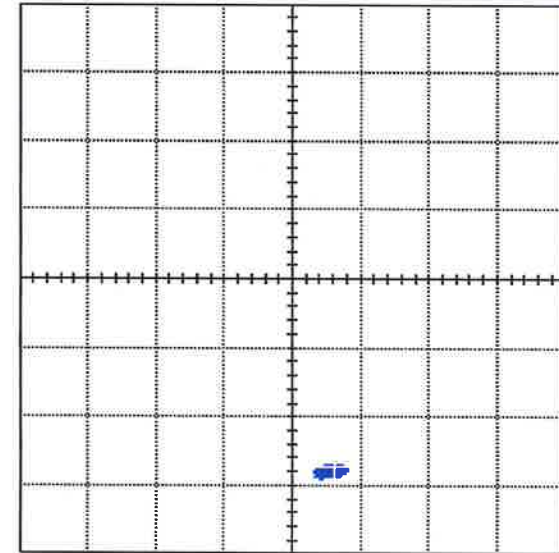
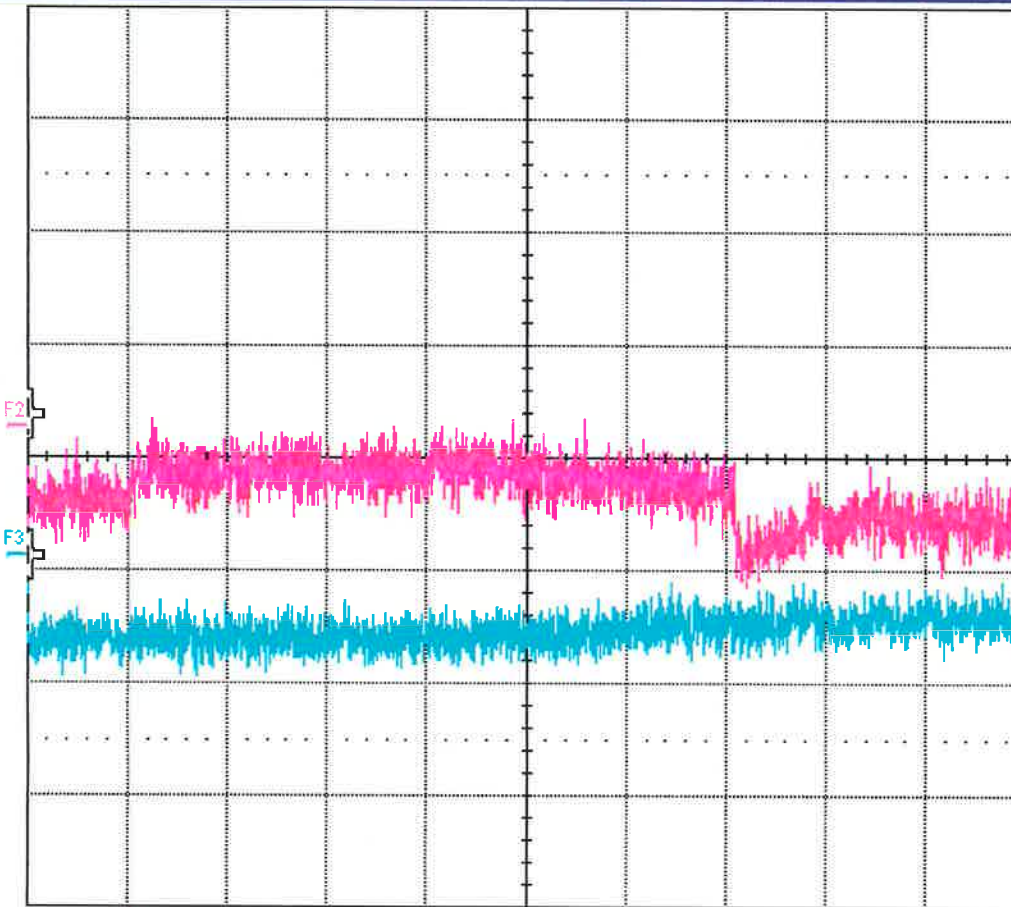
☐ NORMAL





12/22/2022 11:54:32 AM

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



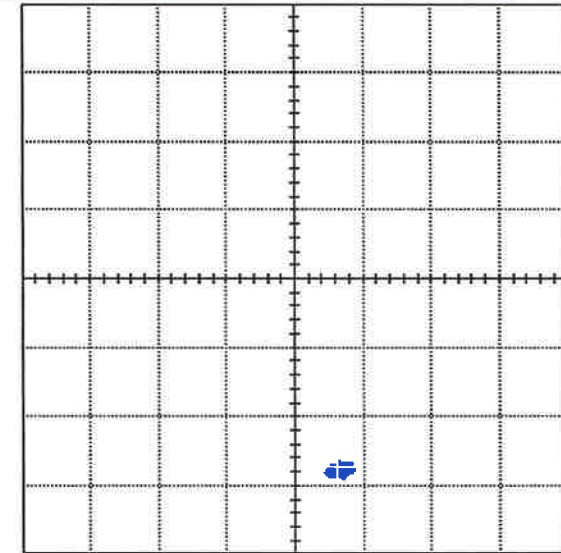
$\Delta Y/\Delta X = 0$   $\Delta Y * \Delta X = 0 \text{ V}^2$   
 0 dB Angle = 0 °  
 Radius = 0 V

F2	<F3>	F3 script(C3,C2)	XY	X C2 Y C3
17.6e-3/div		200e-3/div		200 mV/div
1.00 ms/div		1.00 ms/div		200 mV/div
83 #				
			+X	---
			+Y	---

Tbase -3.98 ms Trigger Ext/10 DC  
 1.00 ms/div Normal 130 mV  
 100 kS 10 MS/s Edge Negative  
 X1= -1.0200 ms

LeCroy

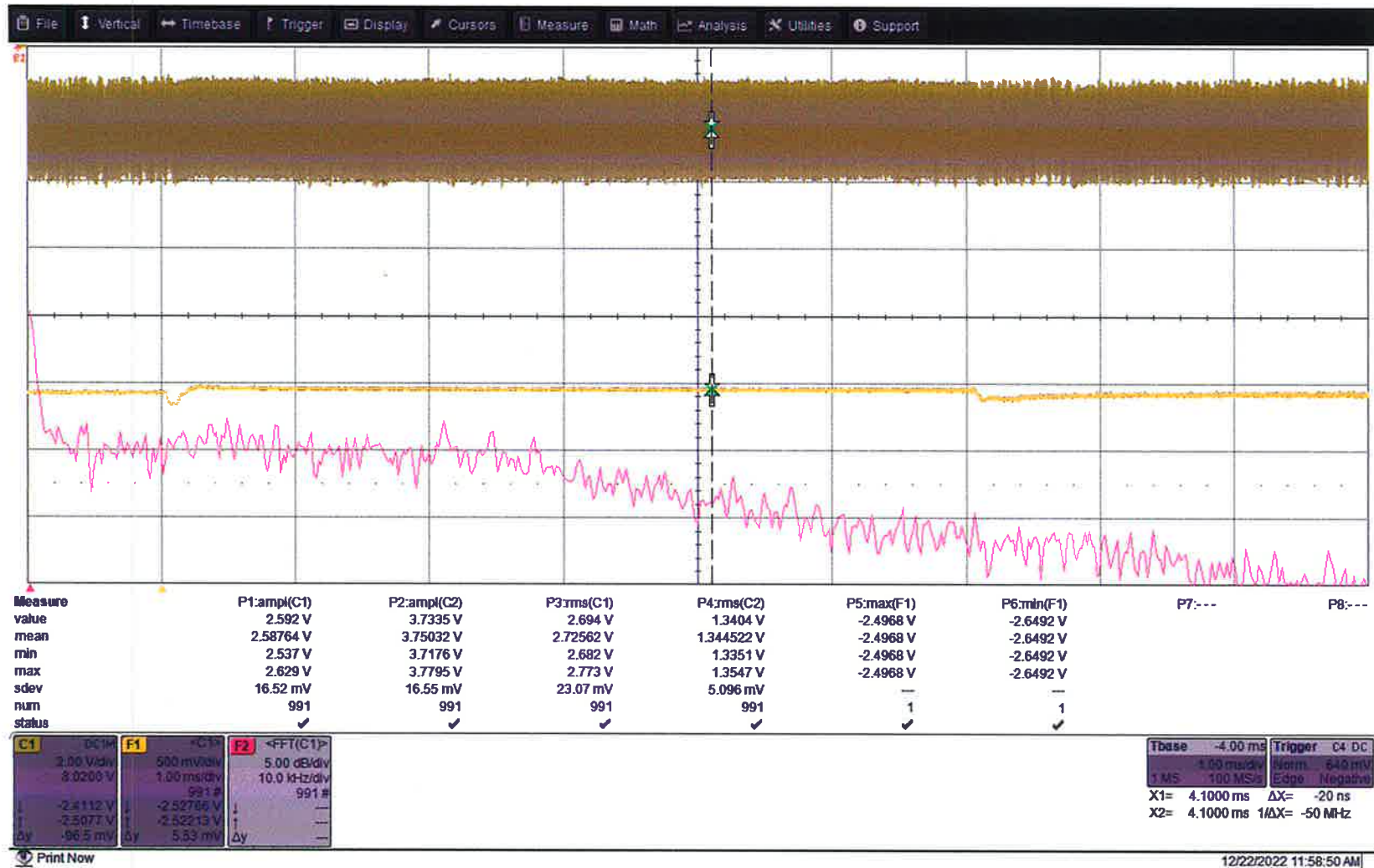
12/22/2022 11:54:35 AM



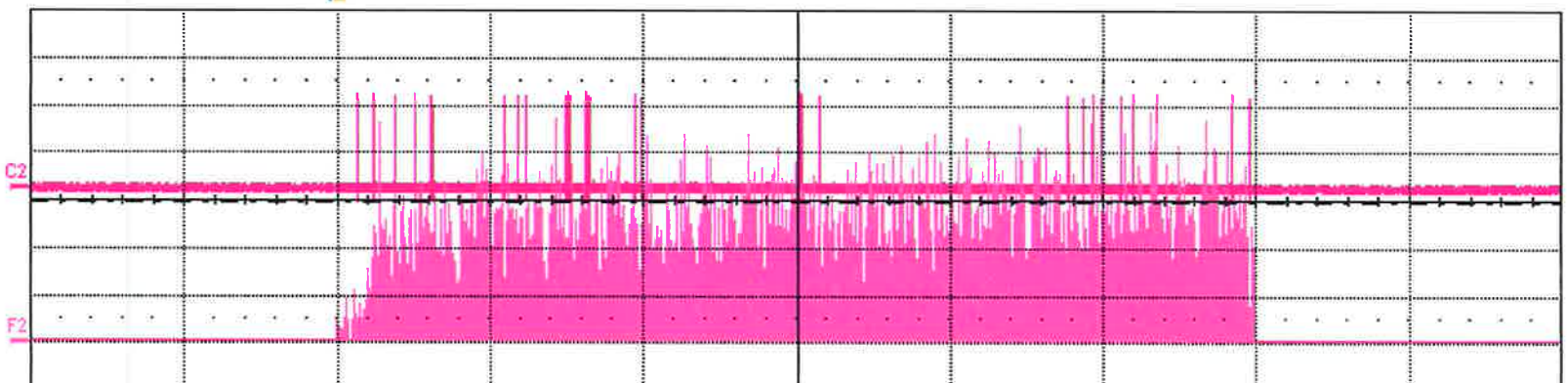
$\Delta Y/\Delta X=$	0	$\Delta Y^*\Delta X=$	0 V <sup>2</sup>
	0 dB	Angle=	0 °
Radius=	0 V		

F2	<F3>	F3 script(C3,C2)	XY	X C2 Y C3
10.0e-3/div		200e-3/div		200 mV/div
1.00 ms/div		1.00 ms/div		200 mV/div
93 #				
			+x	--
			+y	--

Tbase	-3.98 ms	Trigger	Ext10 DC
	1.00 ms/div	Normal	130 mV
100 kS	10 MB/s	Edge	Negative
X1= -1.0200 ms			





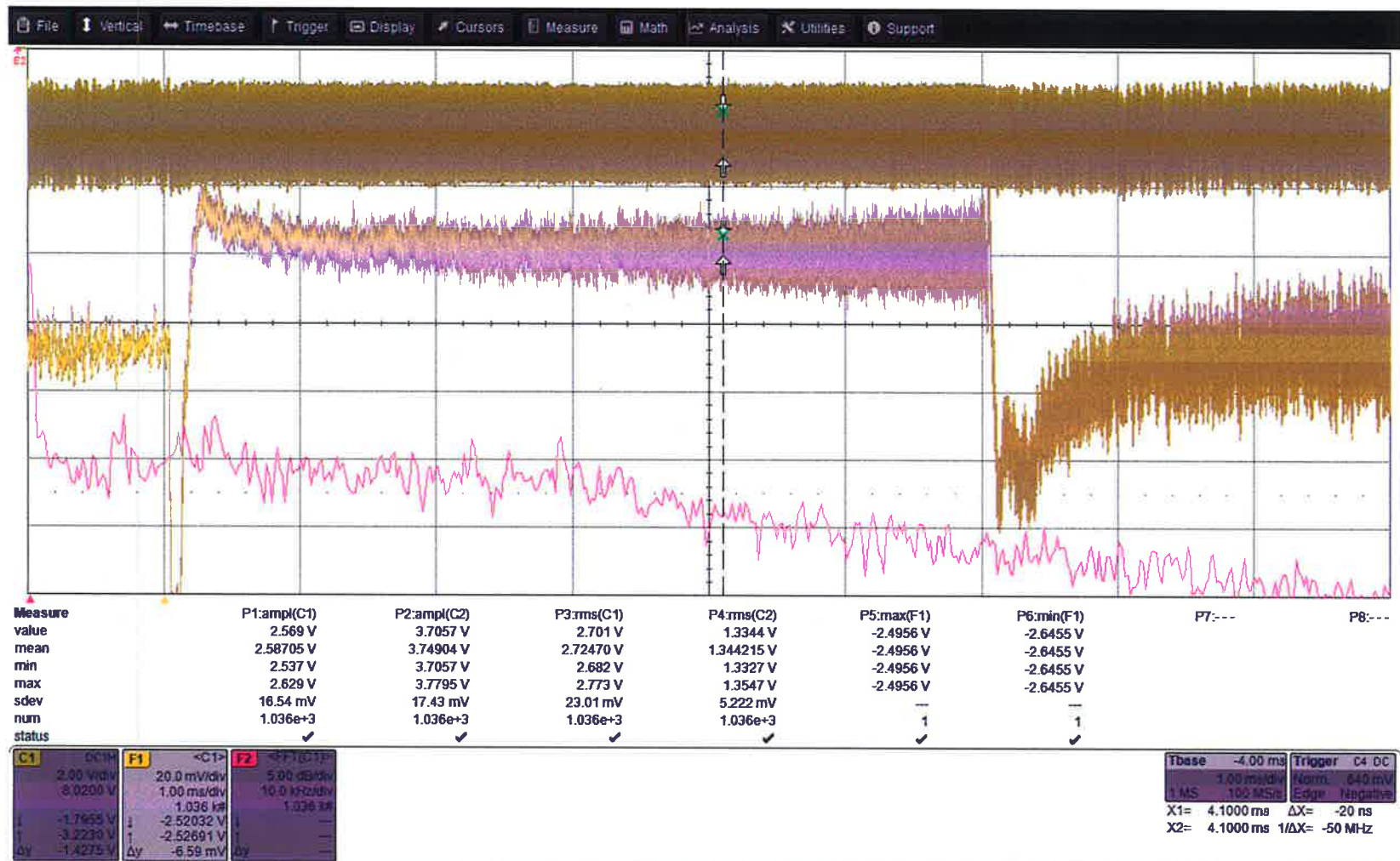


P1:mean(C1)	P2:sdev(C1)	P3:mean(C1)	P4:sdev(C1)	P5:ampl(C2)	P6:fwxx(C2)	P7:---	P8:---
2.777 V	2.289 V	2.777 V	2.289 V	4.61 V	---		
✓	✓	✓	✓	✓			

C1	C2	C3	C4	F2 perhis...	F3 perhist(C3
2.00 V	2.00 V	2.00 V/div	2.00 V	50.0 #	20.0 #/div
0 mV	500 mV	-300 mV ofst	-1.30 V	1.0 ms	1.00 ms/div
				80.1 k#	14.060 k#
---- -20 mV	----520 mV	---- 280 mV	---- -1.28 V	---- 149.5 #	---- 59.8 #

Tbase	-3.00 ms	Trigger	
	1.00 ms/div	Stop	3.34 V
1.00 MS	100 MS/s	Edge	Positive





Print Now

12/22/2022 11:59:35 AM

