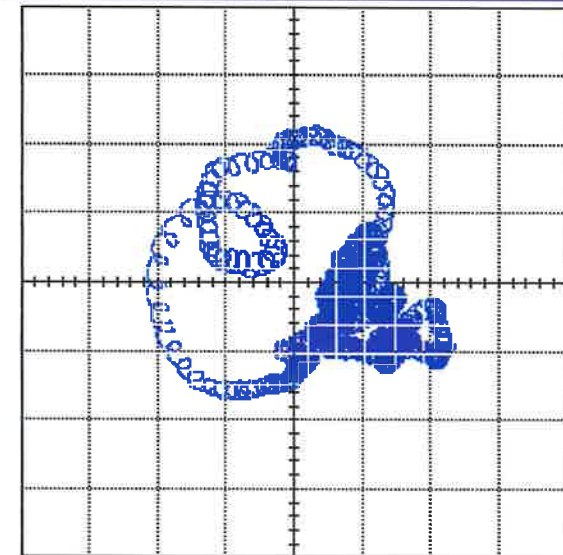
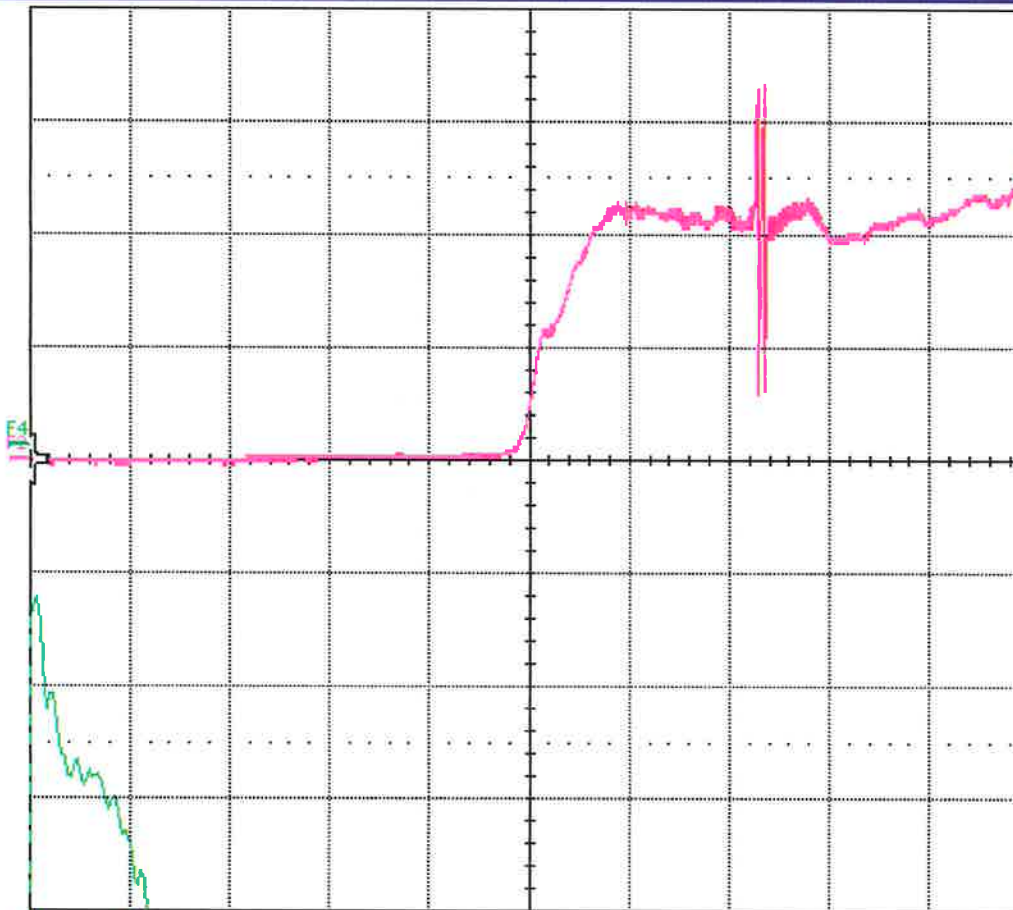


File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -6.0$      $\Delta Y \cdot \Delta X = -8.3 \text{ mV}^2$   
 15.6 dB    Angle =  $-80.6^\circ$   
 Radius = 227 mV

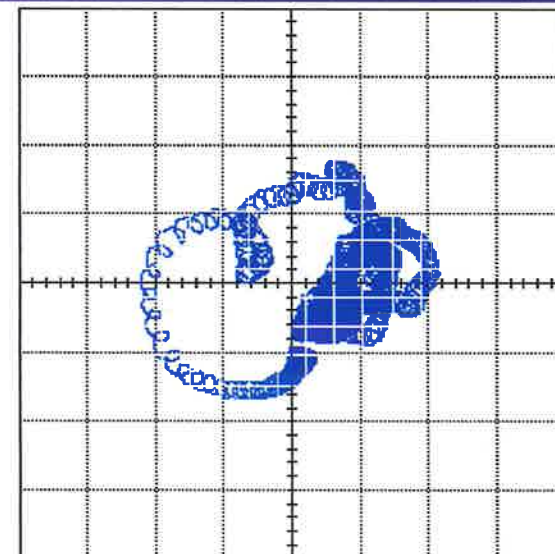
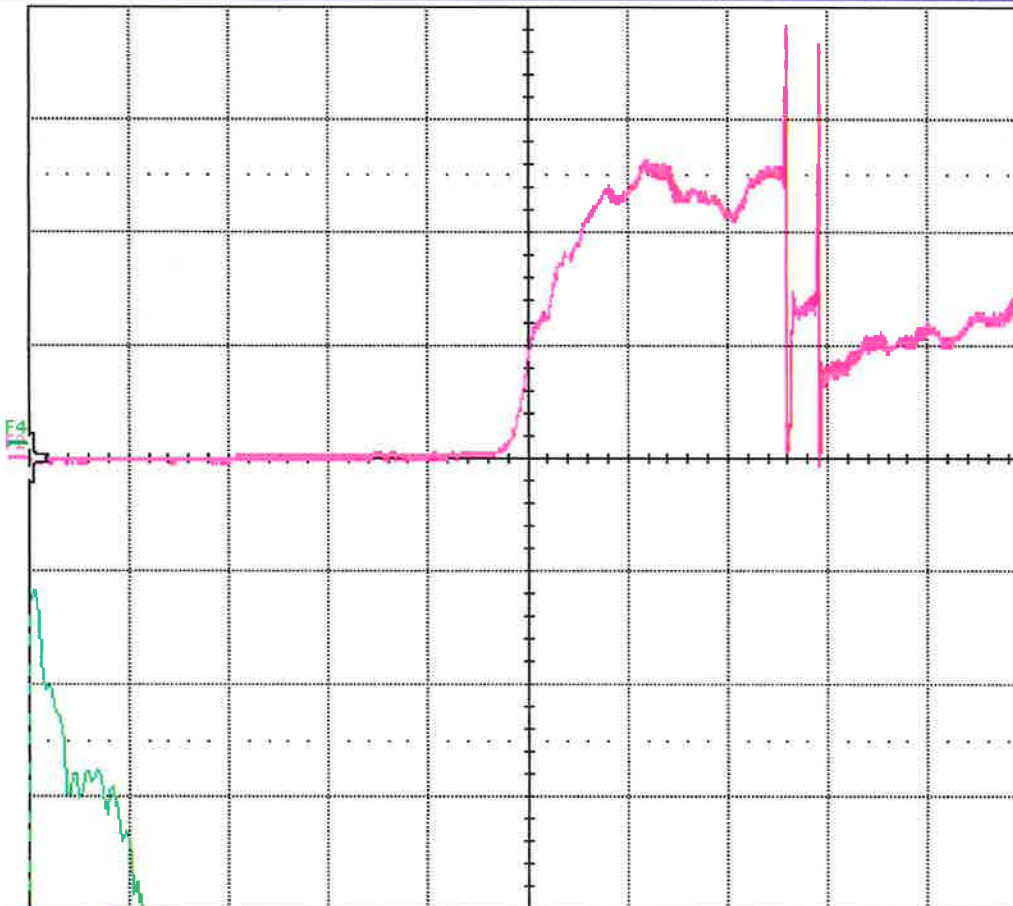
<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F4</b>	<b>&lt;FFT(C2)&gt;</b>	<b>XY</b>	<b>X: C2 Y: C3</b>
2.00/div		10.0 dB/div		200 mV/div	
50.0 $\mu$ s/div		100 kHz/div		200 mV/div	
8 #		8 #			

Timebase -199  $\mu$ s    Trigger **Ext/10/DC**  
 50.0  $\mu$ s/div    Normal -130 mV  
 100 kS    200 MS/s    Edge -Negative  
 X1= -51.000  $\mu$ s

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -8.0$      $\Delta Y * \Delta X = -8.3 \text{ mV}^2$   
 15.6 dB    Angle =  $-80.6^\circ$   
 Radius = 227 mV

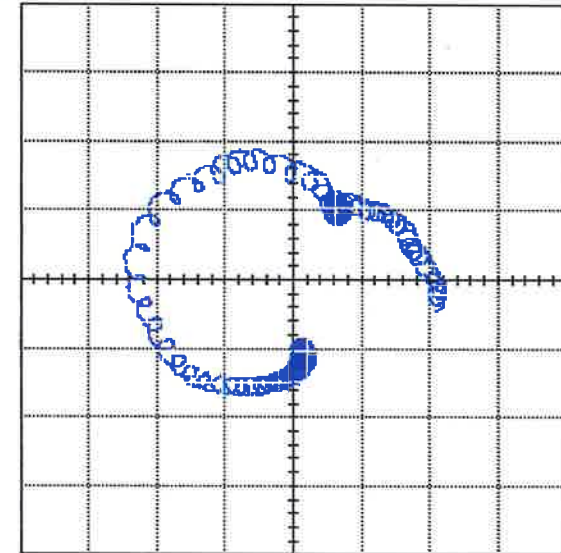
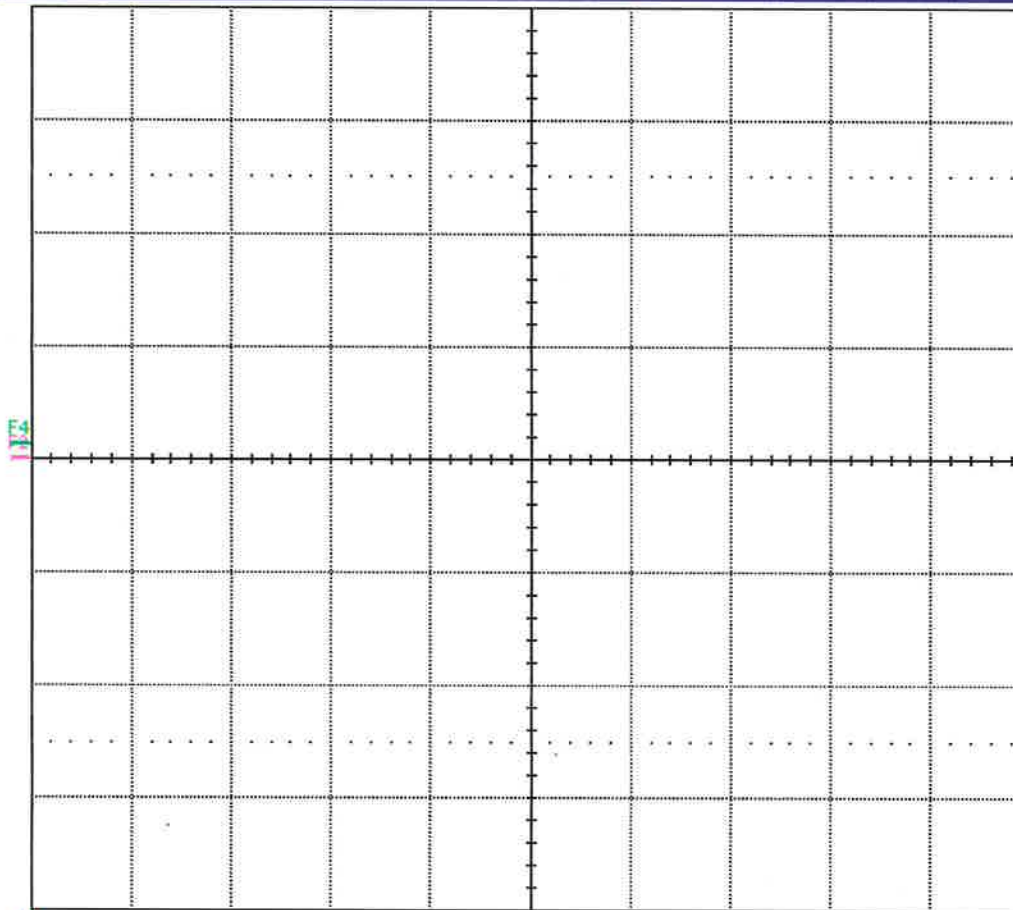
<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F4</b>	<b>&lt;FFT(C2)&gt;</b>	<b>XY</b>	<b>X:C2 Y:C3</b>
2.00/div		10.0 dB/div		200 mV/div	
50.0 $\mu$ s/div		100 kHz/div		200 mV/div	
6 #		5 #			
+		+		X	---
				Y	---

Timebase -199  $\mu$ s    Trigger Ext/10/DC  
 50.0  $\mu$ s/div    Normal 130 mV  
 100 kS    200 MS/s    Edge Negative  
 X1= -51.000  $\mu$ s

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$      $\Delta Y * \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB    Angle =  $-77.5^\circ$   
 Radius = 212 mV

<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F4</b>	<b>&lt;FFT(C2)&gt;</b>	<b>XY</b>	<b>X:C2 Y:C3</b>
2.00/div		10.0 dB/div		200 mV/div	
20.0 $\mu$ s/div		250 kHz/div		200 mV/div	
1 #		1 #			

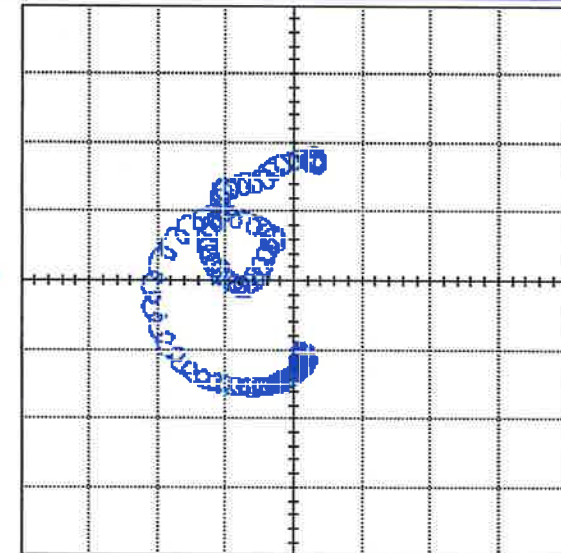
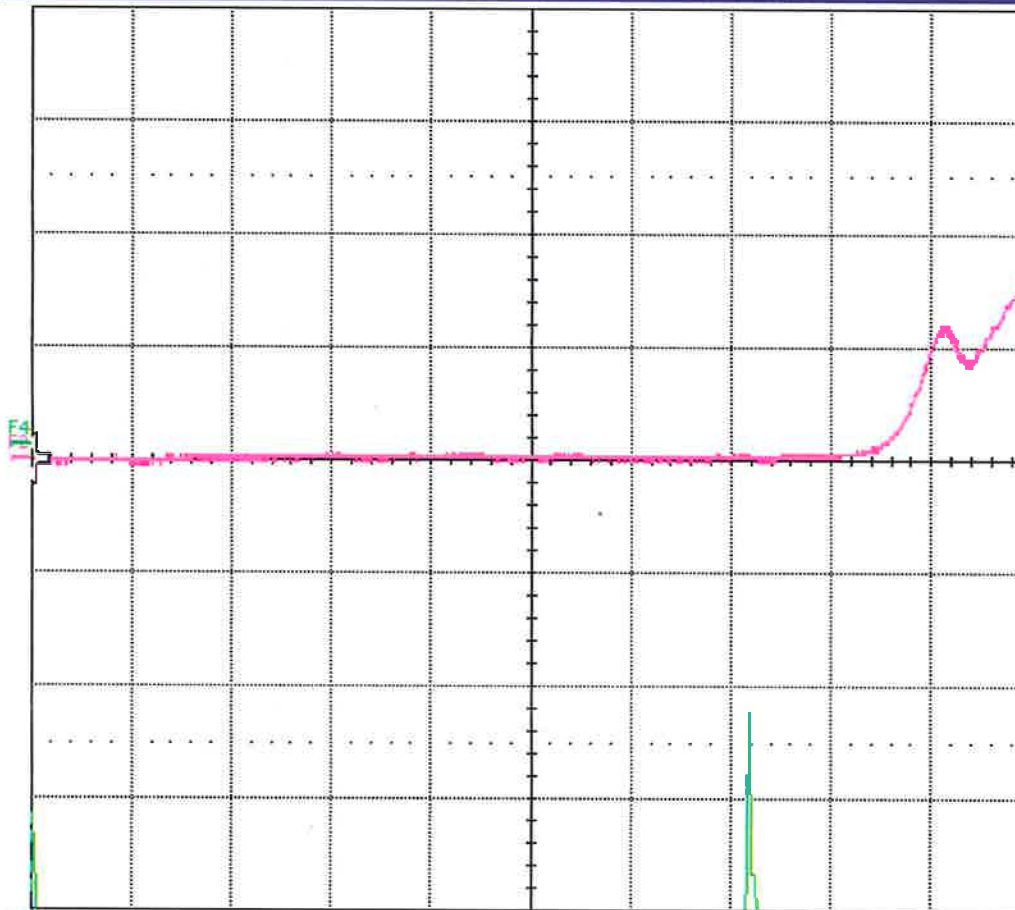
Tbase	-121.2 $\mu$ s	Trigger	Ext/10 DC
	20.0 $\mu$ s/div	Normal	-130 mV
100 kS	500 MS/s	Edge	Negative
X1=	21.200 $\mu$ s		

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$      $\Delta Y \cdot \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB    Angle =  $-77.5^\circ$   
 Radius = 212 mV

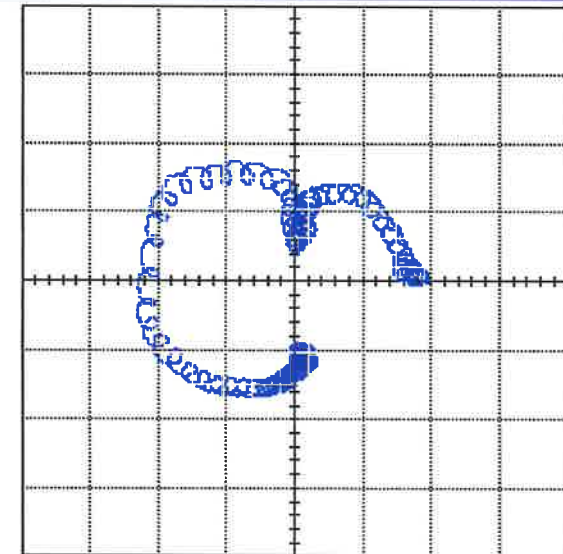
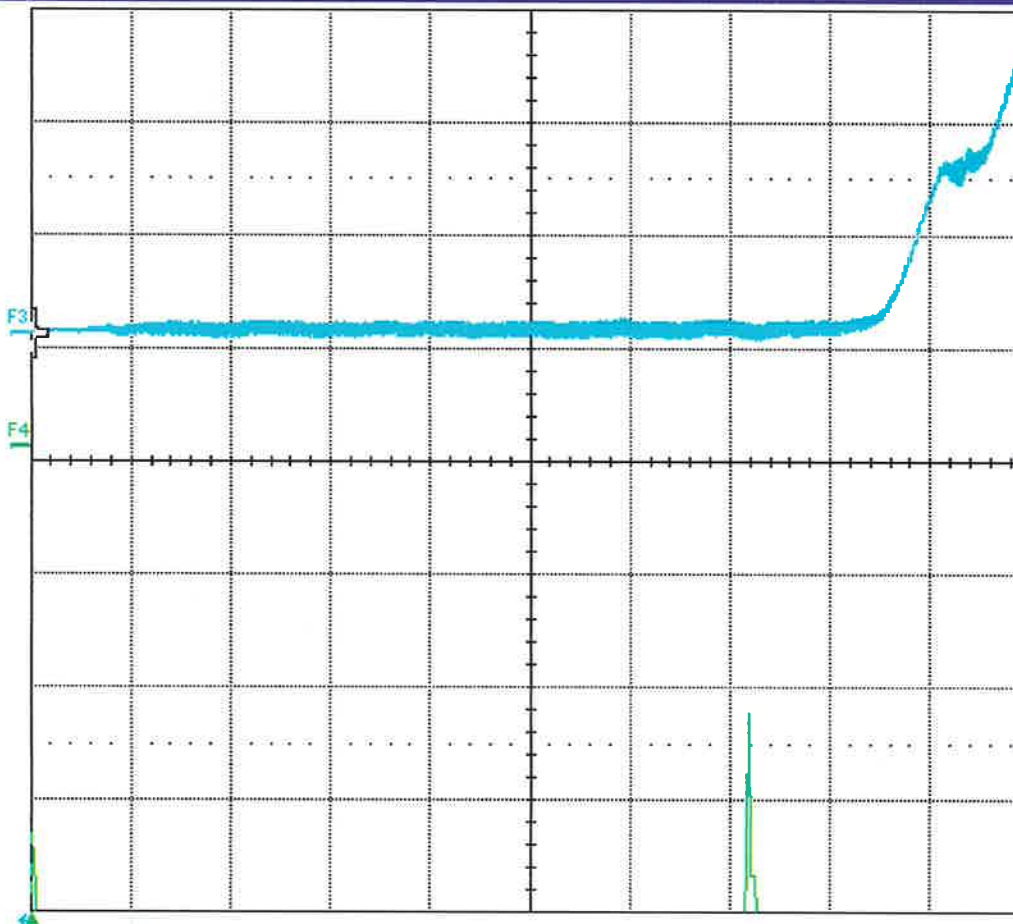
F2	<F3>	F4	<FFT(C2)>	XY	X.C2 Y.C3
2.00/div		10.0 dB/div		200 mV/div	
20.0 $\mu$ s/div		250 kHz/div		200 mV/div	
3 #		3 #			
				X	---
				Y	---

Tbase	-121.2 $\mu$ s	Trigger	Ext/10 DC
	20.0 $\mu$ s/div	Normal	130 mV
100 kS	500 MS/s	Edge	Negative
X1=	21.200 $\mu$ s		

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$   $\Delta Y * \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB Angle =  $-77.5^\circ$   
 Radius = 212 mV

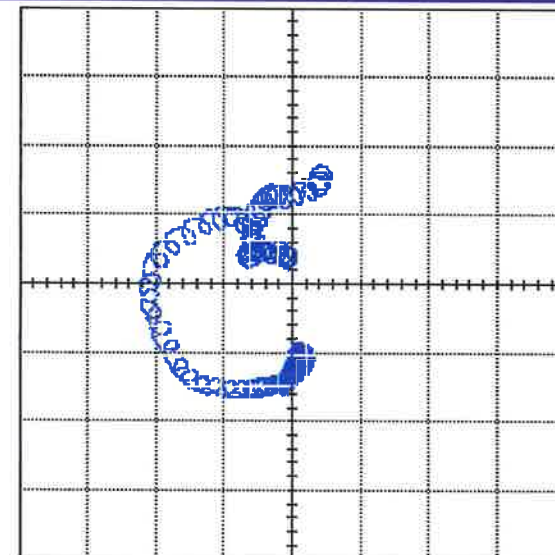
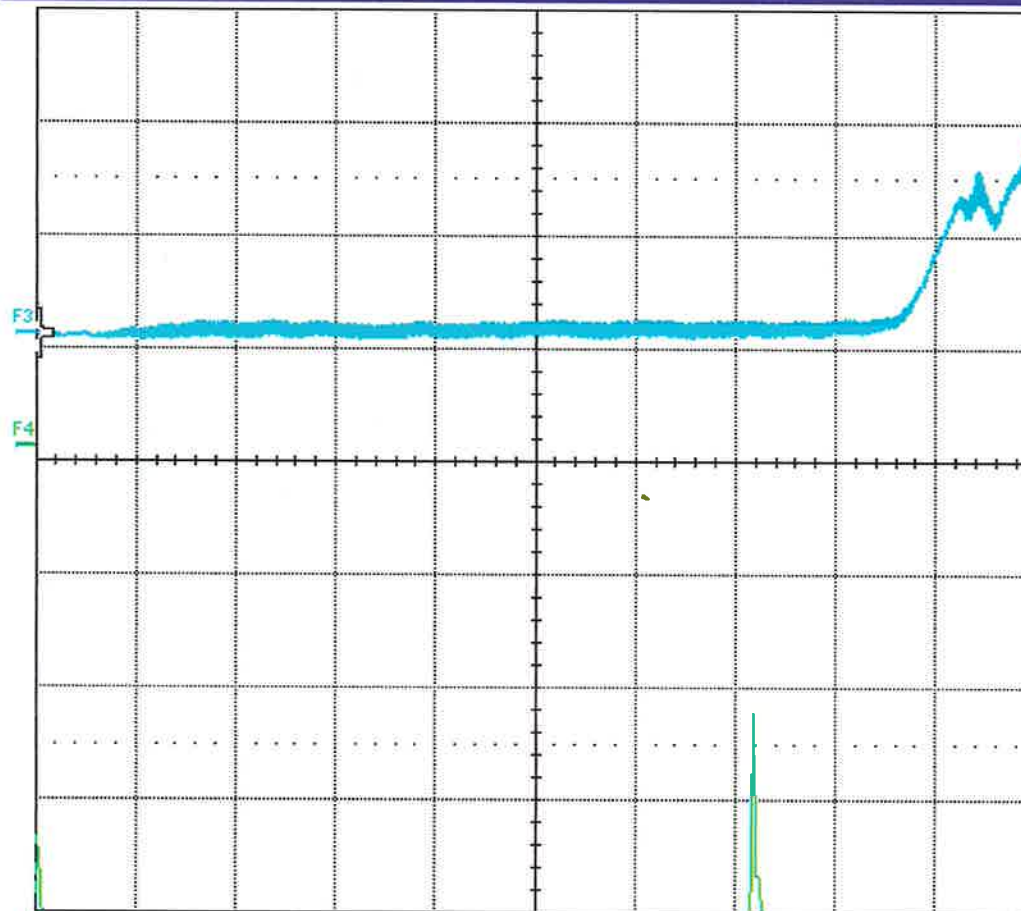
F3 script(C3,C2)	F4 <FFT(C2)>	XY X C2 Y C3
2.00/div	10.0 dB/div	200 mV/div
20.0 $\mu$ s/div	250 kHz/div	200 mV/div
	17 #	

Tbase -121.2 $\mu$ s	Trigger Exp/10 DC
20.0 $\mu$ s/div	Normal 130 mV
100 kS	500 MS/s
	Edge Negative
X1= 21.200 $\mu$ s	

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$   
 $\Delta Y^2/\Delta X = -9.5 \text{ mV}^2$   
 $\text{Radius} = 212 \text{ mV}$   
 $\text{Angle} = -77.5^\circ$

F3 script(C3,C2)	F4 <FFT(C2)>	XY XC2 Y:C3
2.00/div	10.0 dB/div	200 mV/div
20.0 μs/div	250 kHz/div	200 mV/div
	21 #	

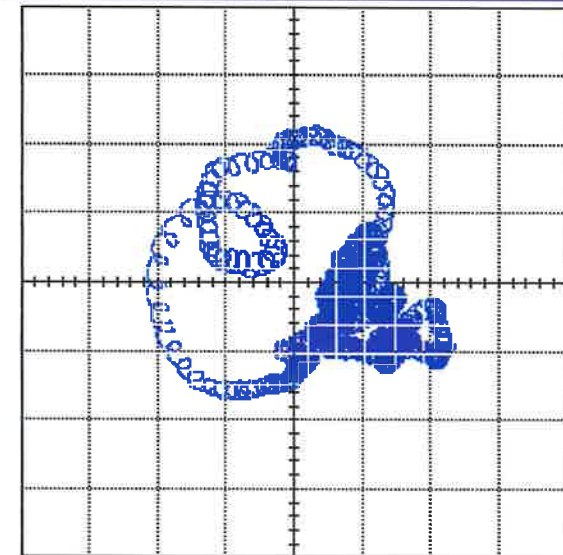
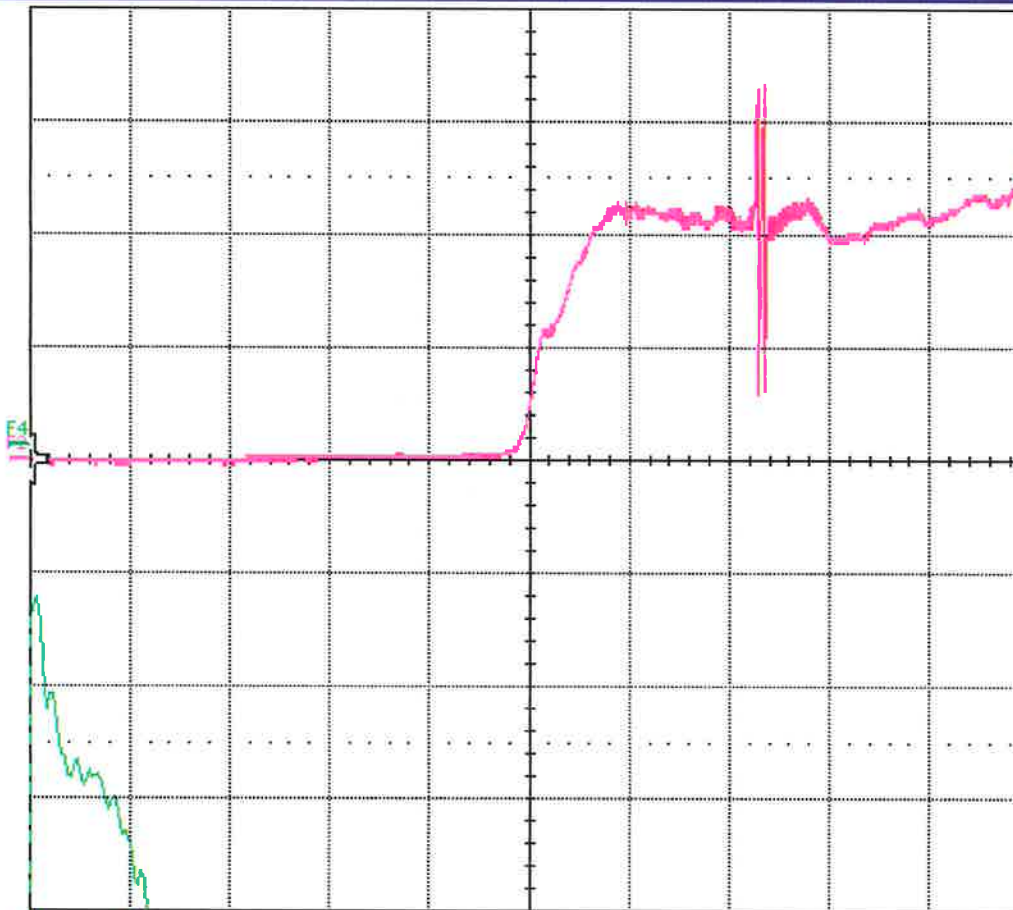
Tbase -121.2 μs	Trigger Ext/10 DC
20.0 μs/div	Normal 130 mV
100 kS 500 MS/s	Edge Negative
X1= 21.200 μs	

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -6.0$      $\Delta Y \cdot \Delta X = -8.3 \text{ mV}^2$   
 15.6 dB    Angle =  $-80.6^\circ$   
 Radius = 227 mV

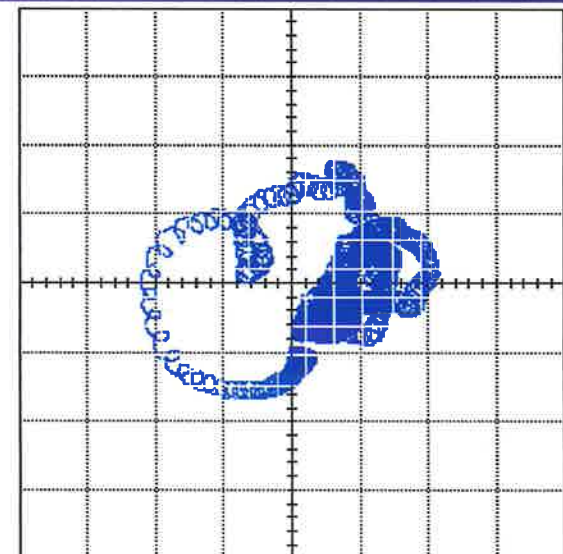
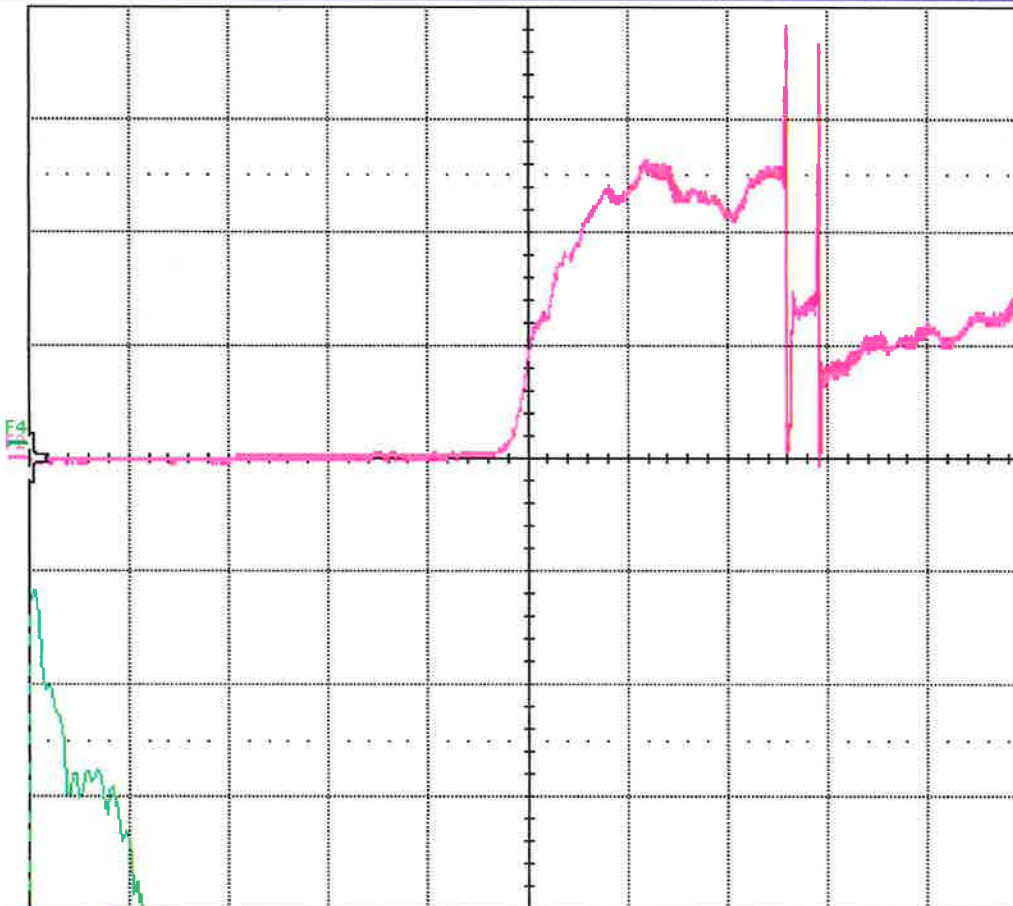
<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F4</b>	<b>&lt;FFT(C2)&gt;</b>	<b>XY</b>	<b>X: C2 Y: C3</b>
2.00/div		10.0 dB/div		200 mV/div	
50.0 $\mu$ s/div		100 kHz/div		200 mV/div	
8 #		8 #			

Timebase -199  $\mu$ s    Trigger **Ext/10/DC**  
 50.0  $\mu$ s/div    Normal -130 mV  
 100 kS    200 MS/s    Edge -Negative  
 X1= -51.000  $\mu$ s

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Processing ...

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -8.0$   $\Delta Y * \Delta X = -8.3 \text{ mV}^2$   
 15.6 dB Angle =  $-80.6^\circ$   
 Radius = 227 mV

<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F4</b>	<b>&lt;FFT(C2)&gt;</b>	<b>XY</b>	<b>X:C2 Y:C3</b>
2.00/div		10.0 dB/div		200 mV/div	
50.0 ps/div		100 kHz/div		200 mV/div	
6 #		5 #			
+		+		X	---
				Y	---

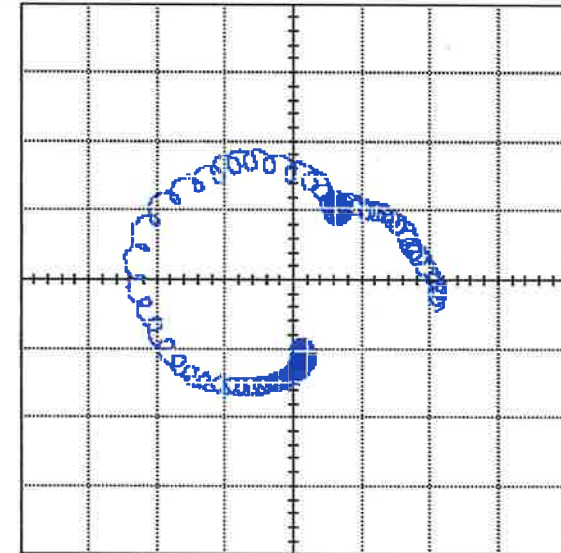
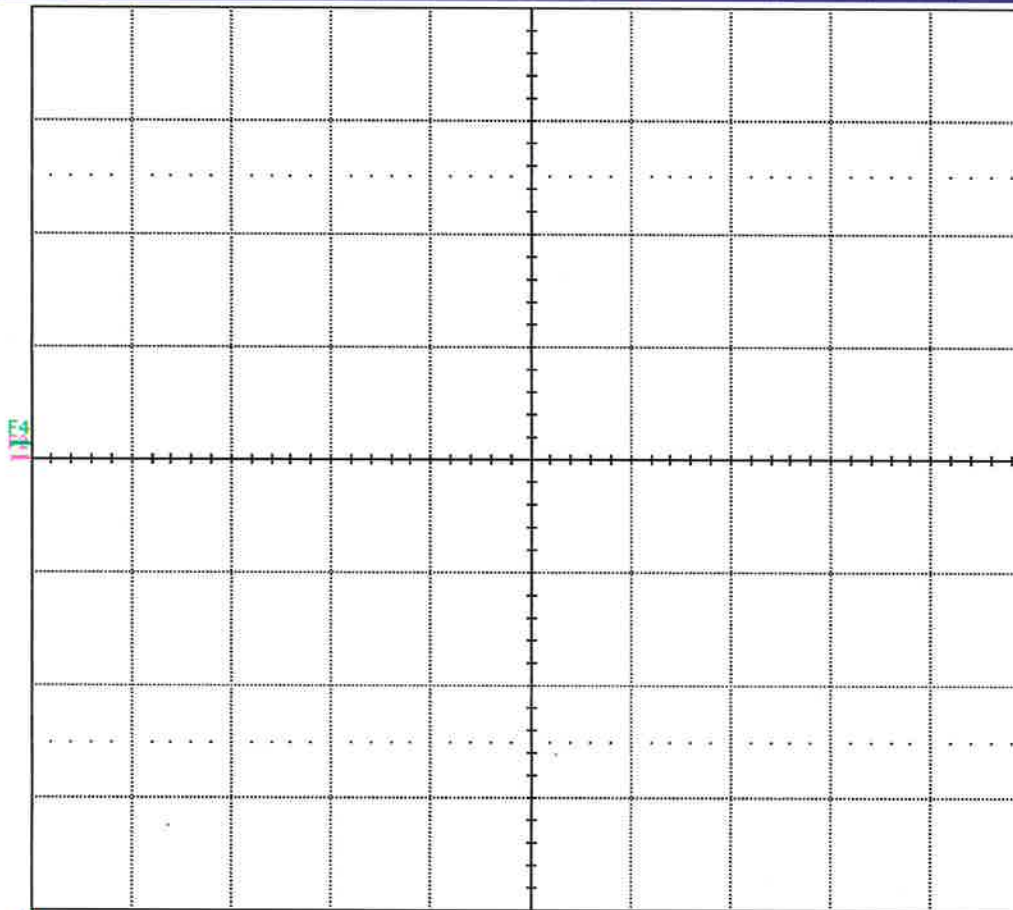
<b>Timebase</b>	<b>-199 <math>\mu</math>s</b>	<b>Trigger</b>	<b>Ext/10/DC</b>
50.0 $\mu$ s/div		Normal	130 mV
100 kS	200 MS/s	Edge	Negative
X1 = -51.000 $\mu$ s			

LeCroy

Processing ...



File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$      $\Delta Y * \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB    Angle =  $-77.5^\circ$   
 Radius = 212 mV

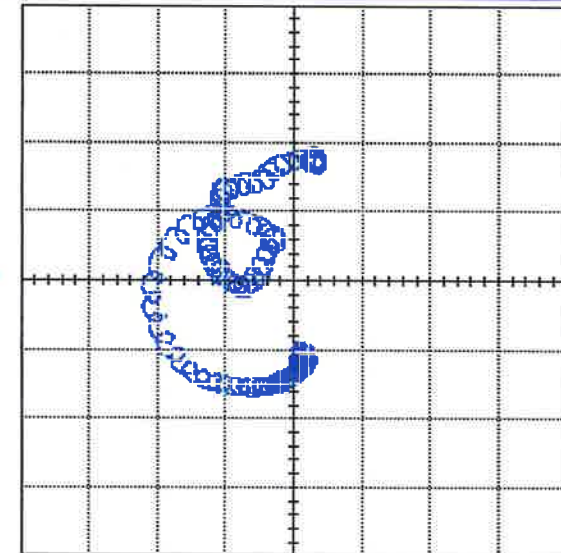
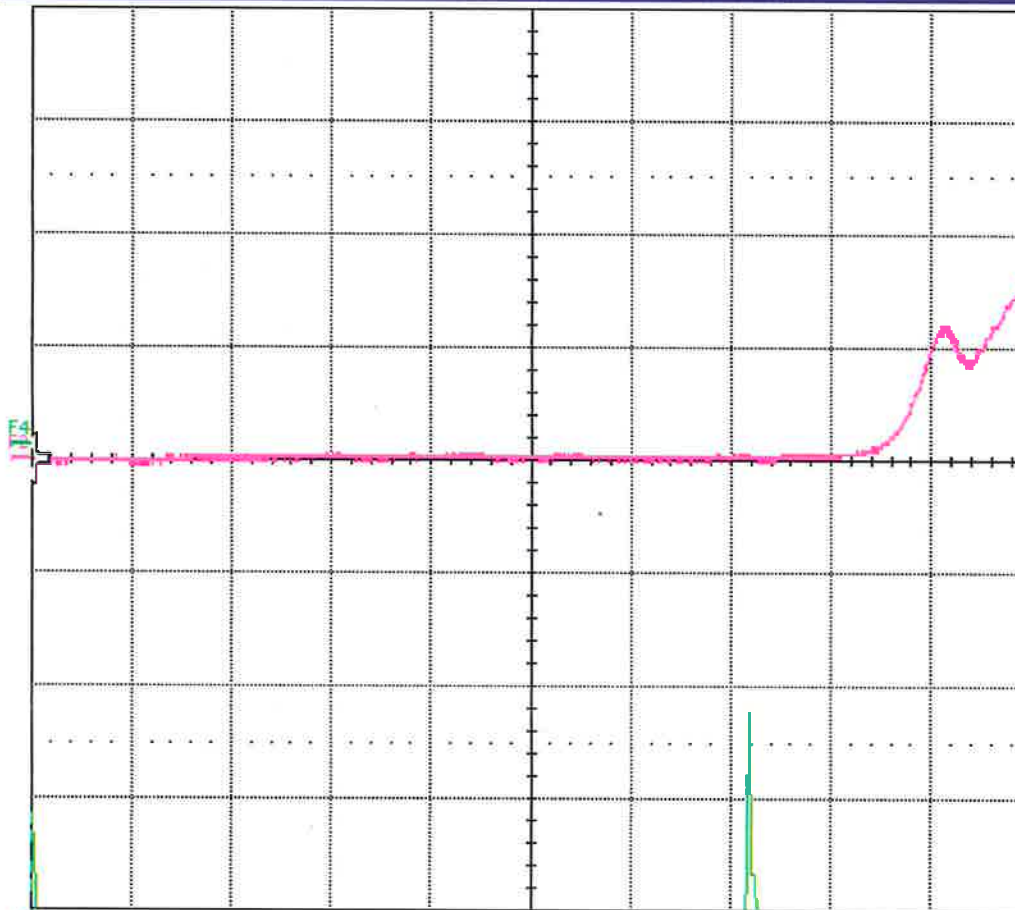
<b>F2</b>	<b>&lt;F3&gt;</b>	<b>F4</b>	<b>&lt;FFT(C2)&gt;</b>	<b>XY</b>	<b>X:C2 Y:C3</b>
2.00/div		10.0 dB/div		200 mV/div	
20.0 $\mu$ s/div		250 kHz/div		200 mV/div	
1 #		1 #			

Tbase	-121.2 $\mu$ s	Trigger	Ext/10 DC
	20.0 $\mu$ s/div	Normal	-130 mV
100 kS	500 MS/s	Edge	Negative
X1=	21.200 $\mu$ s		

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$        $\Delta Y \cdot \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB      Angle =  $-77.5^\circ$   
 Radius = 212 mV

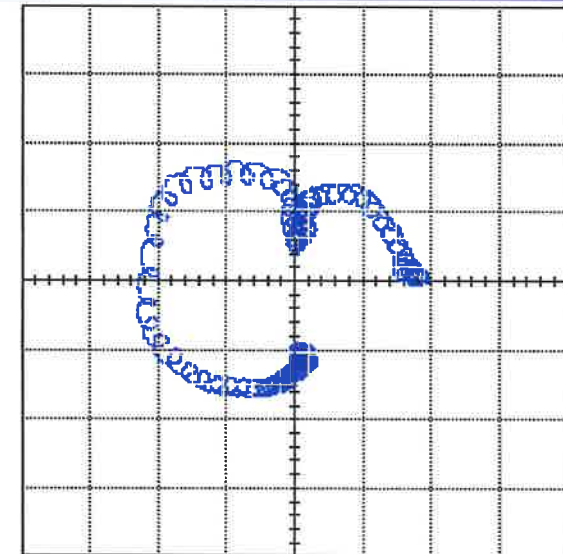
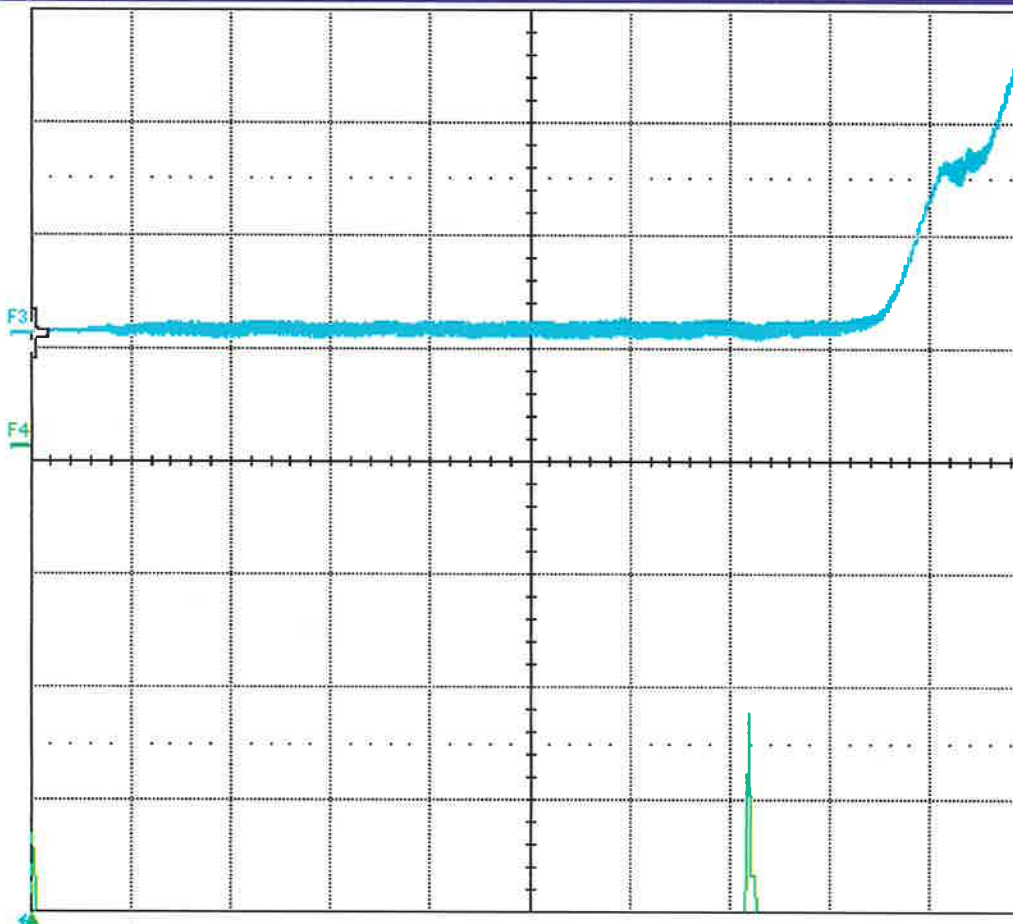
F2	<F3>	F4	<FFT(C2)>	XY	X:C2 Y:C3
2.00/div		10.0 dB/div		200 mV/div	
20.0 $\mu$ s/div		250 kHz/div		200 mV/div	
3 #		3 #			
				X	---
				Y	---

Tbase	-121.2 $\mu$ s	Trigger	Ext/10 DC
	20.0 $\mu$ s/div	Normal	130 mV
100 kS	500 MS/s	Edge	Negative
X1=	21.200 $\mu$ s		

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Processing ...

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -4.5$      $\Delta Y * \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB    Angle =  $-77.5^\circ$   
 Radius = 212 mV

F3 script(C3,C2)	F4 <FFT(C2)>	XY X C2 Y: C3
2.00/div	10.0 dB/div	200 mV/div
20.0 $\mu$ s/div	250 kHz/div	200 mV/div
	17 #	

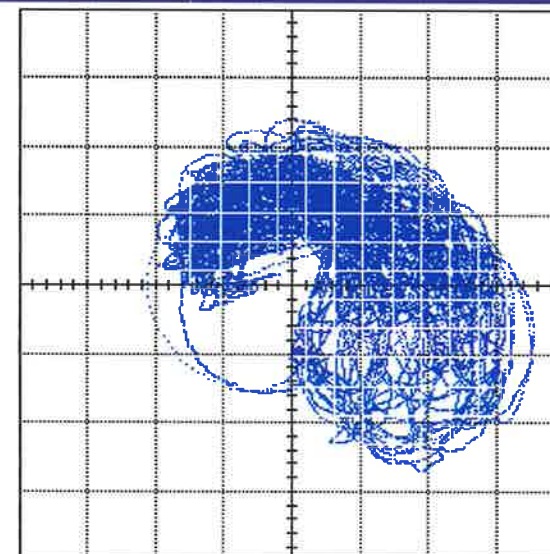
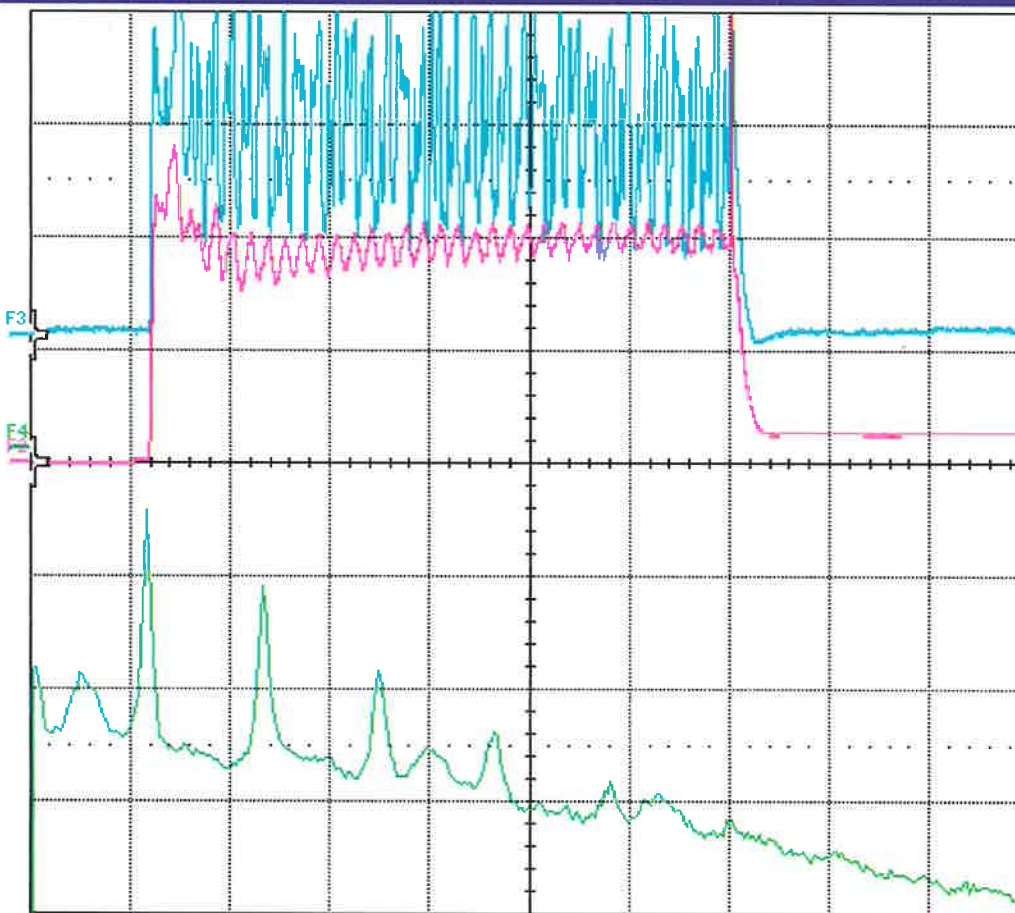
Tbase -121.2 $\mu$ s	Trigger Ext/10 DC
20.0 $\mu$ s/div	Normal 130 mV
100 kS	500 MS/s
	Edge Negative
X1= 21.200 $\mu$ s	

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -1.400$   $\Delta Y * \Delta X = -8.4 \text{ mV}^2$   
 2.9 dB Angle =  $-54.5^\circ$   
 Radius = 133 mV

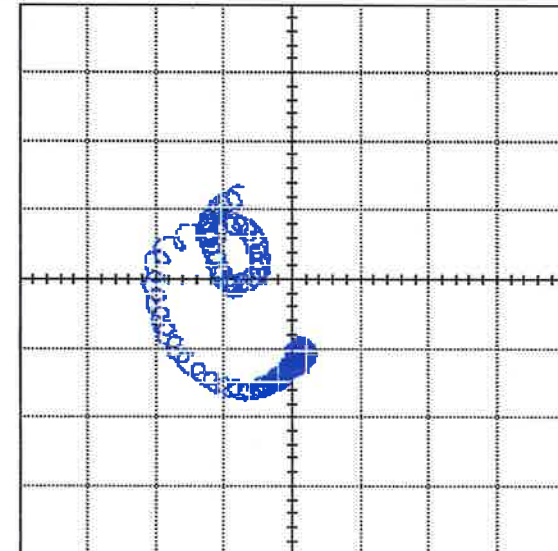
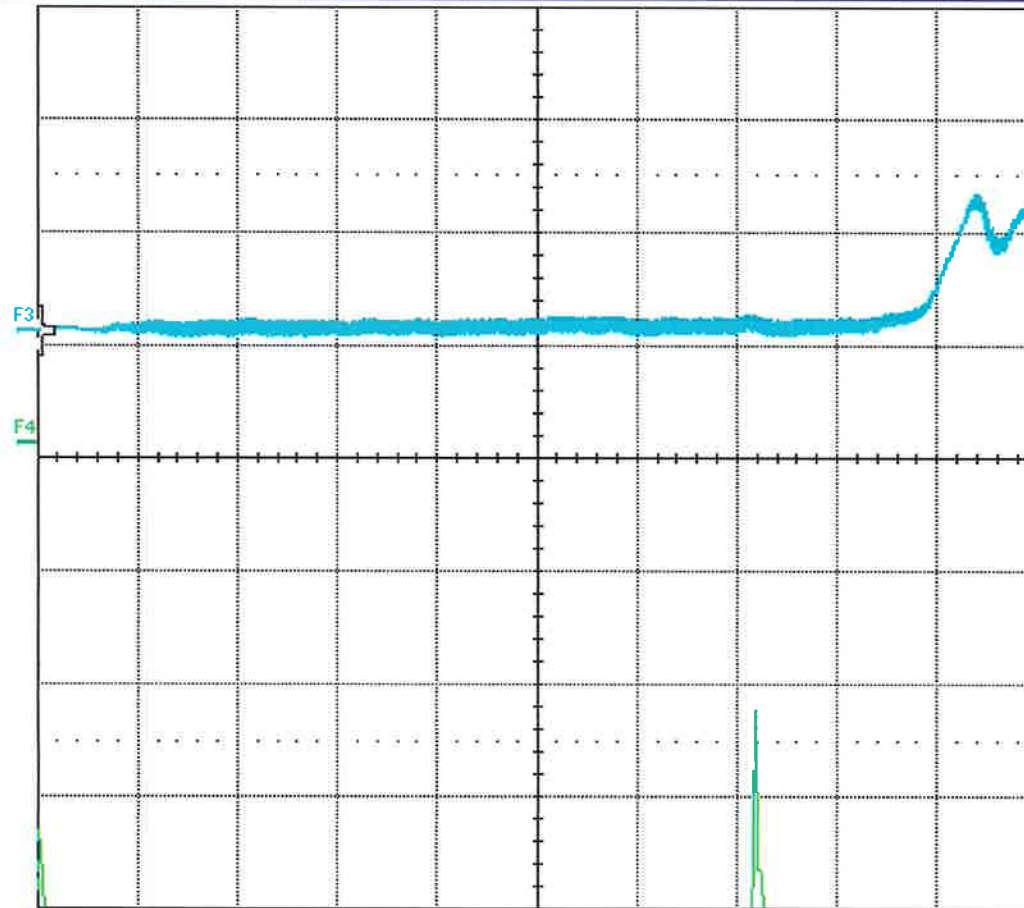
F2	<F3>	F3 script(C3,C2)	F4 <FFT(C2)>	XY X:C2 Y:C3
2.00/div	2.00/div	2.00/div	10.0 dB/div	200 mV/div
1.00 ms/div	1.00 ms/div	1.00 ms/div	5.00 kHz/div	200 mV/div
253 #			253 #	
				X Y

Tbase -4.00 ms Trigger **Ext/10/DC**  
 1.00 ms/div Normal 130 mV  
 50.0 kS 5.0 MS/s Edge Negative  
 X1= -1.0000 ms

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File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



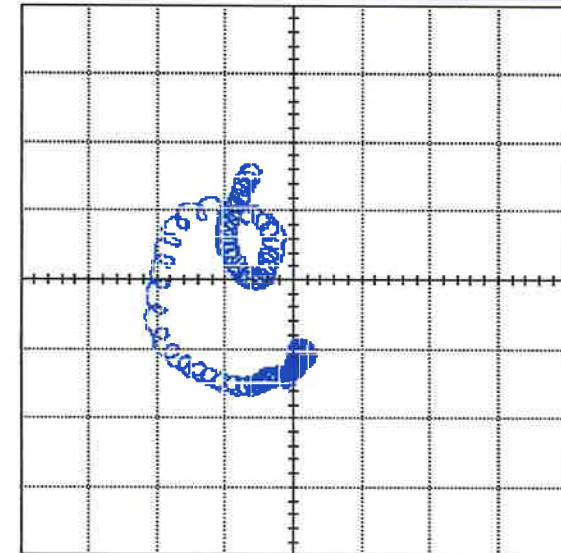
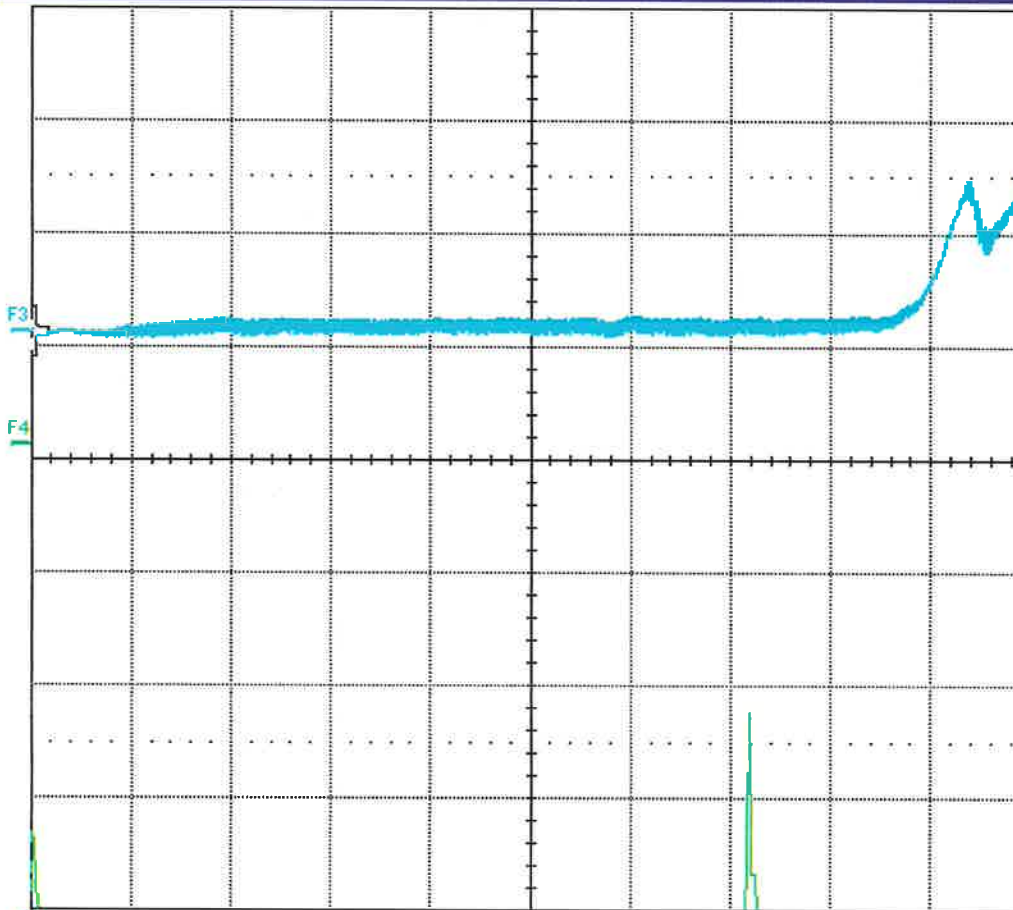
$\Delta Y/\Delta X = -4.5$      $\Delta Y^2/\Delta X = -9.5 \text{ mV}^2$   
 13.1 dB    Angle =  $-77.5^\circ$   
 Radius = 212 mV

F3 script(C3,C2)	F4 <FFT(C2)>	XY X C2 Y C3
2.00/div	10.0 dB/div	200 mV/div
20.0 $\mu\text{s}/\text{div}$	250 kHz/div	200 mV/div
	27 #	

Tbase -121.2 $\mu\text{s}$	Trigger Ext/10 DC
20.0 $\mu\text{s}/\text{div}$	Normal 130 mV
100 kS 500 MS/s	Edge Negative
X1= 21.200 $\mu\text{s}$	

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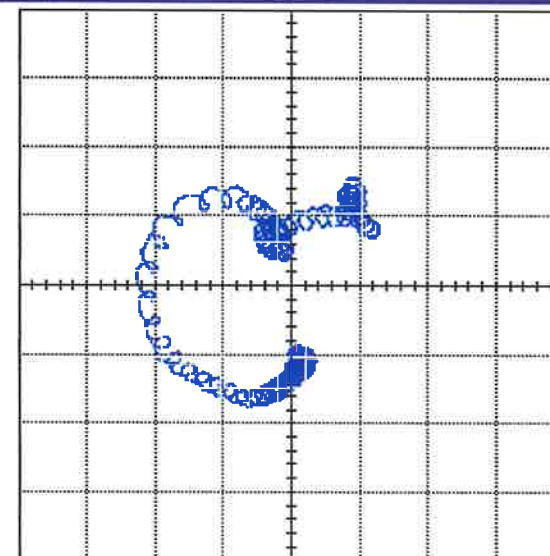
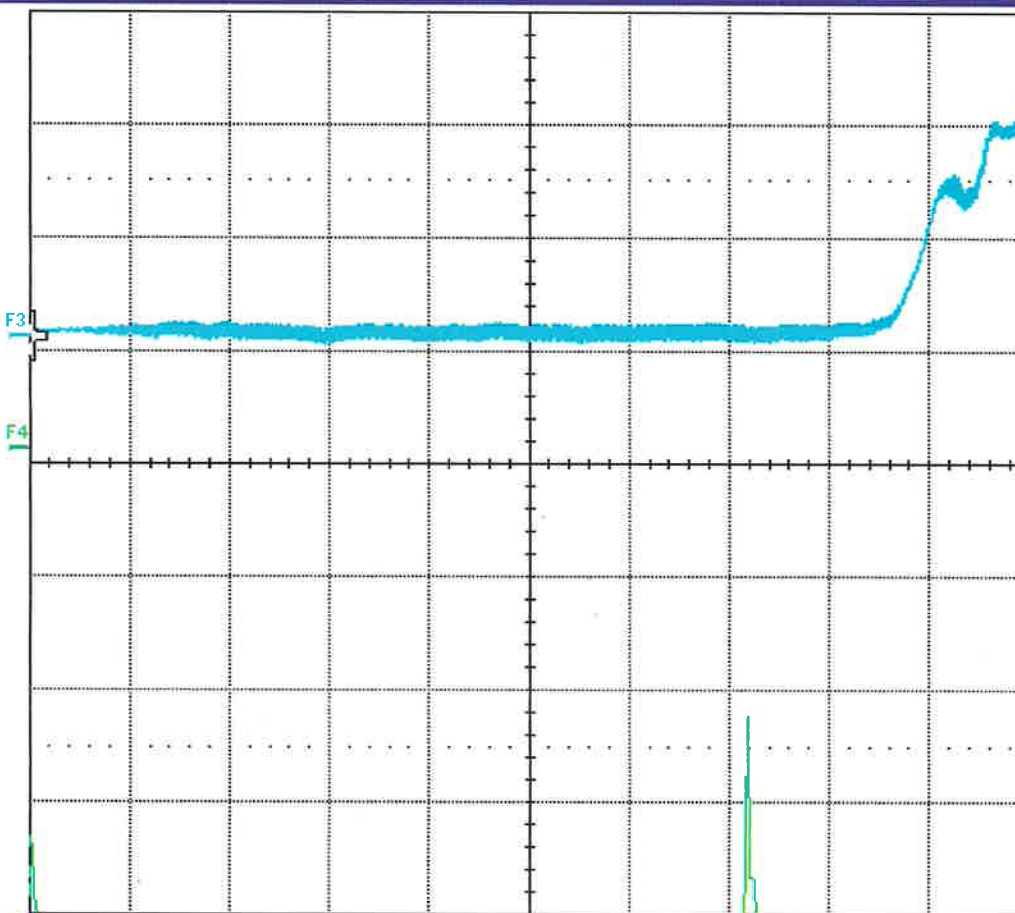
$\Delta Y/\Delta X = -4.5$      $\Delta Y^* \Delta X = -9.5 \text{ mV}^2$   
 13.1 dB    Angle =  $-77.5^\circ$   
 Radius = 212 mV

F3 script(C3,C2)	F4 <FFT(C2)>	XY X.C2.Y.C3
2.00/div	10.0 dB/div	200 mV/div
20.0 $\mu$ s/div	250 kHz/div	200 mV/div
	28 #	

Tbase -121.2  $\mu$ s    TriggerExt/10 DC  
 20.0  $\mu$ s/div    Normal 130 mV  
 100 kS    500 MS/s    Edge Negative  
 X1= 21.200  $\mu$ s



File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



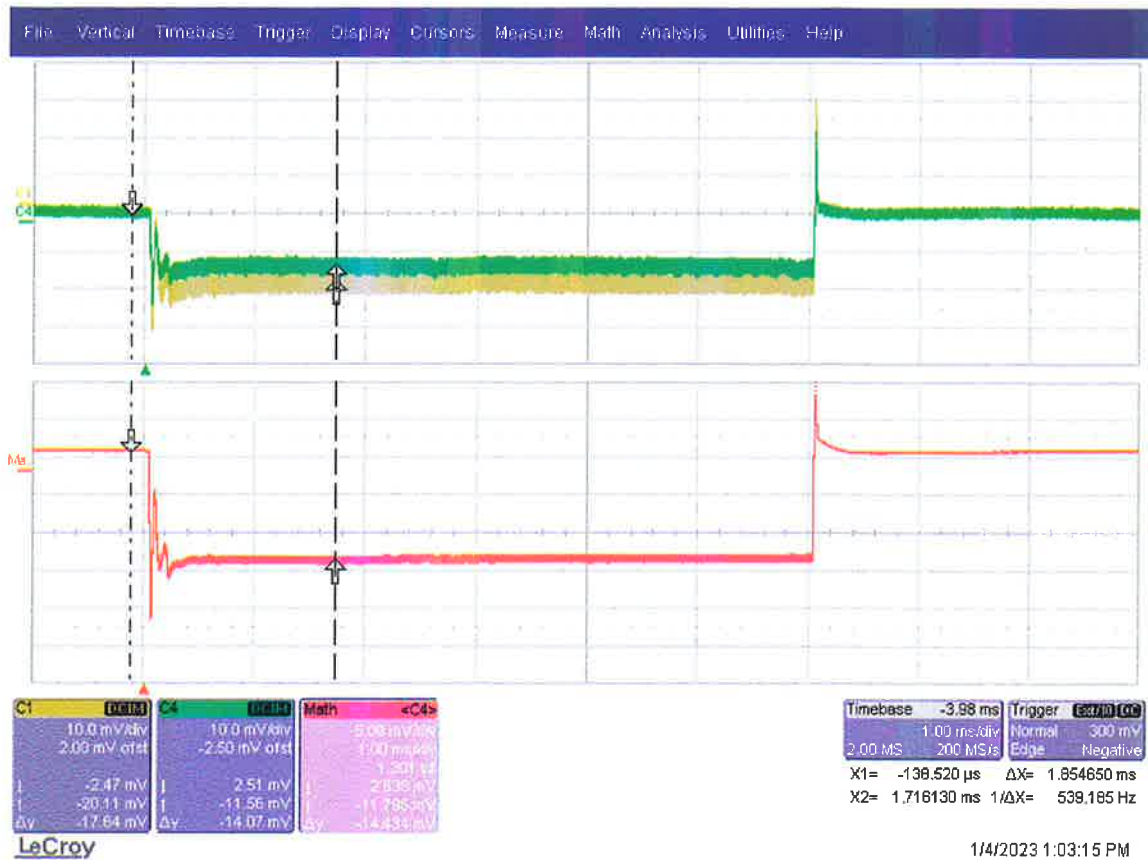
$\Delta Y/\Delta X = -4.5$   $\Delta Y^2/\Delta X = -9.5 \text{ mV}^2$   
 13.1 dB Angle =  $-77.5^\circ$   
 Radius = 212 mV

F3 script(C3,C2)	F4 <FFT(C2)>	XY XC2 Y:C3
2.00/div	10.0 dB/div	200 mV/div
20.0 $\mu$ s/div	250 kHz/div	200 mV/div
	31 #	

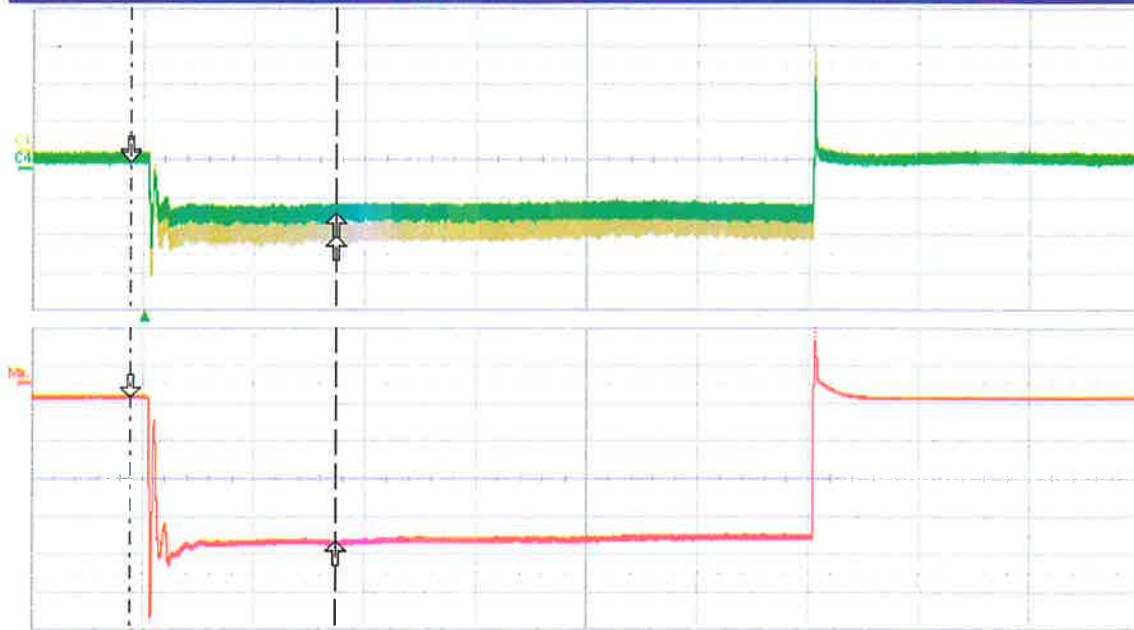
Tbase -121.2 $\mu$ s	Trigger Ext/10 DC
20.0 $\mu$ s/div	Normal 130 mV
100 kS	Edge Negative
500 MS/s	
X1= 21.200 $\mu$ s	

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C1	C4	Math
10.0 mV/div	10.0 mV/div	5.00 mV/div
2.00 mV offset	-2.50 mV offset	1.00 mV/div
1 -1.69 mV	1 2.02 mV	1 -1.73 mV
1 -22.60 mV	1 -12.02 mV	1 -21.92 mV
Δy -20.91 mV	Δy -14.03 mV	Δy -19.21 mV

Timebase -3.98 ms	Trigger Edg/0.00
1.00 ms/div	Normal 300 mV
2.00 MS	200 MS/s
	Edge Negative
X1= -138.520 μs	ΔX= 1.854850 ms
X2= 1.718130 ms	1/ΔX= 539.185 Hz

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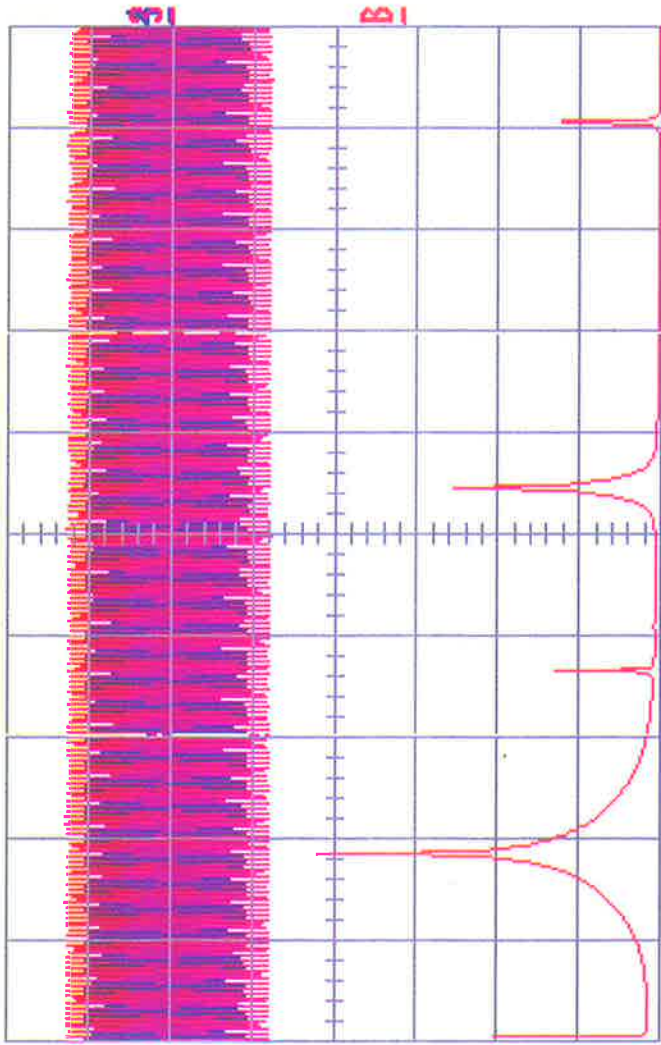
1/4/2023 1:05:23 PM



4-Jan-23  
13:05:56

3 10  $\mu$ s  
2.00 V

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



← 1.900 ms

1439 sweeps: average  
phase(4,3) 105.60 °  
pkpk(3) 5.05 V  
rms(2) 41.9mV  
rms(4) 1.271 V  
rms(3) 1.572 V

	low	high	sigma
	95.46	112.96	1.80
	4.94	5.19	0.03
	37.1	43.3	0.5
	1.258	1.285	0.005
	1.558	1.587	0.004

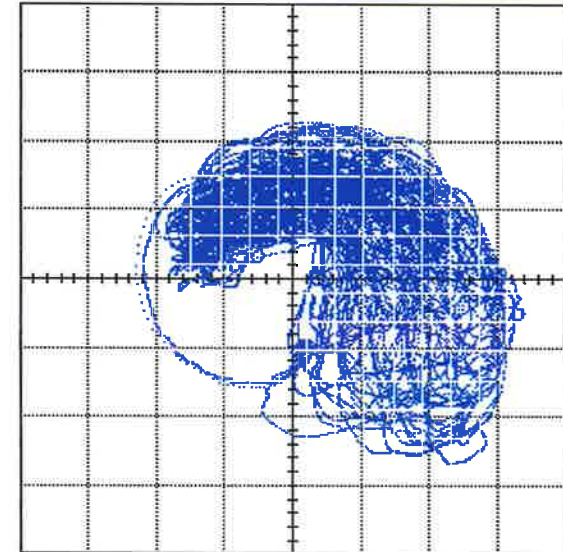
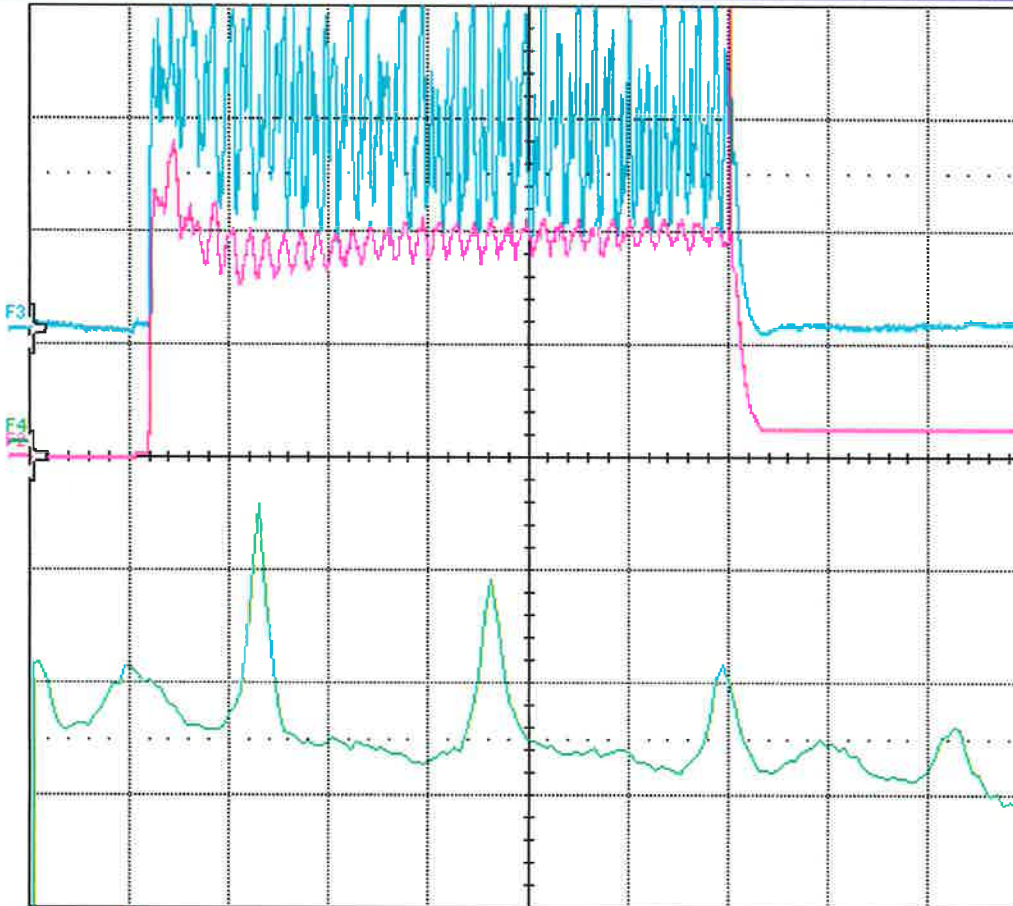
10  $\mu$ s

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

1 GS/s

Ext10 DC 0.15 V 50 $\Omega$

☐ NORMAL

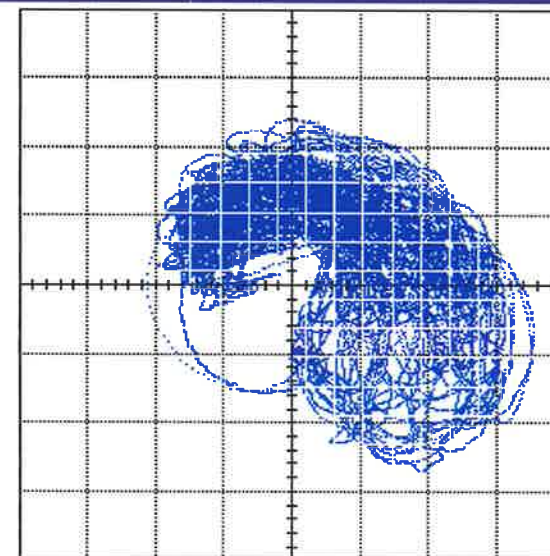
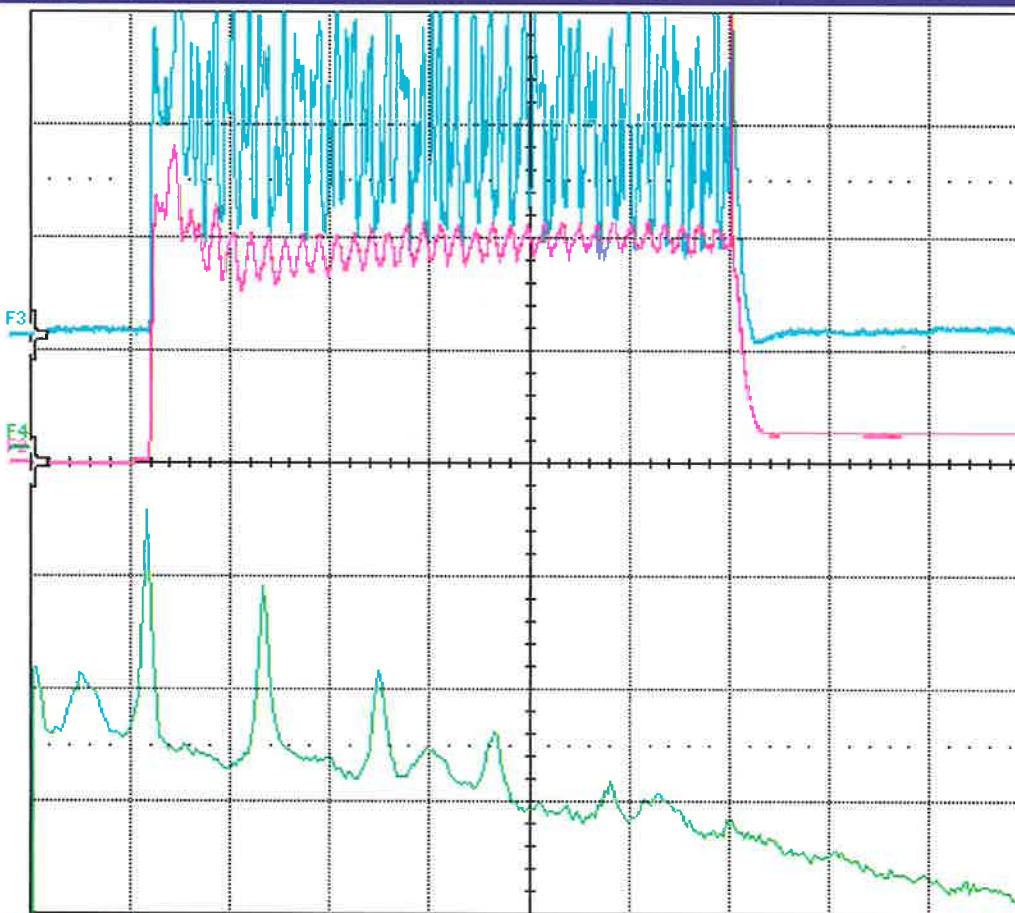


$\Delta Y/\Delta X = -1.400$      $\Delta Y * \Delta X = -8.4 \text{ mV}^2$   
 2.9 dB    Angle =  $-54.5^\circ$   
 Radius = 133 mV

F2	<F3>	F3 script(C3,C2)	F4 <FFT(C2)>	XY X:C2 Y:C3
2.00/div	2.00/div	2.00/div	10.0 dB/div	200 mV/div
1.00 ms/div	1.00 ms/div	1.00 ms/div	2.50 kHz/div	200 mV/div
223 #			223 #	

Tbase -4.00 ms    Trigger **Ext/10/DC**  
 1.00 ms/div    Normal 130 mV  
 50.0 kS    5.0 MS/s    Edge Negative  
 X1= -1.0000 ms

File Vertical Timebase Trigger Display Cursors Measure Math Analysis Utilities Help



$\Delta Y/\Delta X = -1.400$      $\Delta Y * \Delta X = -8.4 \text{ mV}^2$   
 2.9 dB    Angle =  $-54.5^\circ$   
 Radius = 133 mV

F2	<F3>	F3 script(C3,C2)	F4	<FFT(C2)>	XY	X:C2 Y:C3
2.00/div	2.00/div	2.00/div	10.0 dB/div	200 mV/div	200 mV/div	
1.00 ms/div	1.00 ms/div	1.00 ms/div	5.00 kHz/div	200 mV/div		
253 #			253 #			
+	---	+	---	+	---	+

Tbase	-4.00 ms	Trigger	Ext/10/DC
	1.00 ms/div	Normal	130 mV
50.0 kS	5.0 MS/s	Edge	Negative
X1=	-1.0000 ms		

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