



Model	FCT-260-50:1-LD-H
Sensor serial Nr.	1768
Date	Nov. 20, 2007
Plot	High freq. response
01630 St Genis-Pouilly, France Tel: +33-450.426.642 Fax: +33-450.426.643	

Risetime
0.35 / f_{high} (-3dB)

Risetime
0.35 / 693 MHz

Risetime = 505 ps

Instrument used:
HP E5071C
9kHz-8GHz
Network analyser

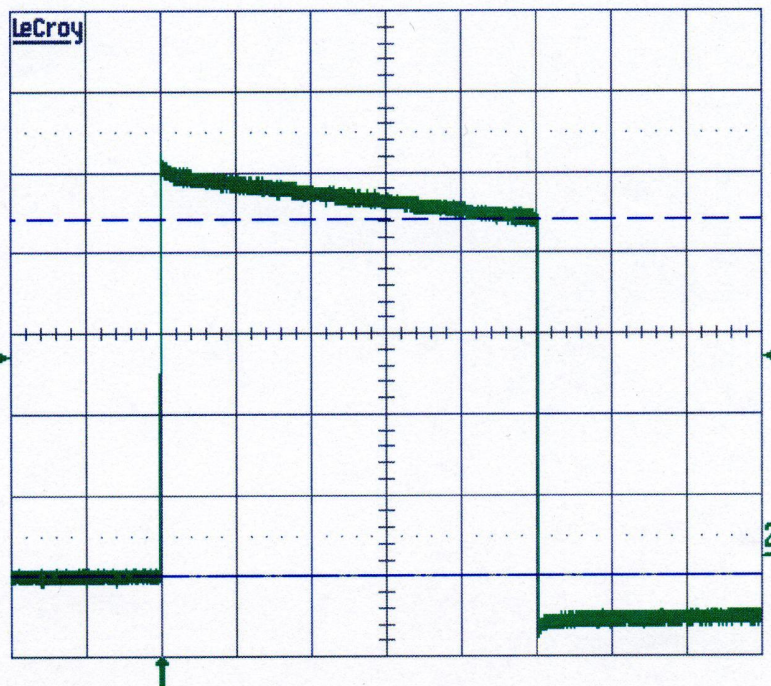
Model:	FCT-260-50:1-LD-H
Sensor serial Nr.:	1768
Plot:	Differentiation
Date:	November 20, 2007
01630 St Genis-Pouilly, France Tel: +33-450.426.642 Fax: +33-450.426.643	bergoz Instrumentation

Instruments used:

- Pulse generator HP 8112A
- Lecroy LT584 1GHz Oscilloscope

20-Nov-07
10:33:23

2
20 μ s
10.0mV
44.0mV



20 μ s

- 1 trig only
2 10 mV 500
3 2 mV DC
4 trig only



2 DC 24.6mV

2 GS/s

■ AUTO

CALCUL DU DROOP

Amplitude de l'impulsion
avant droop

[mV]

Amplitude de l'impulsion
après droop

[mV]

Perte de signal

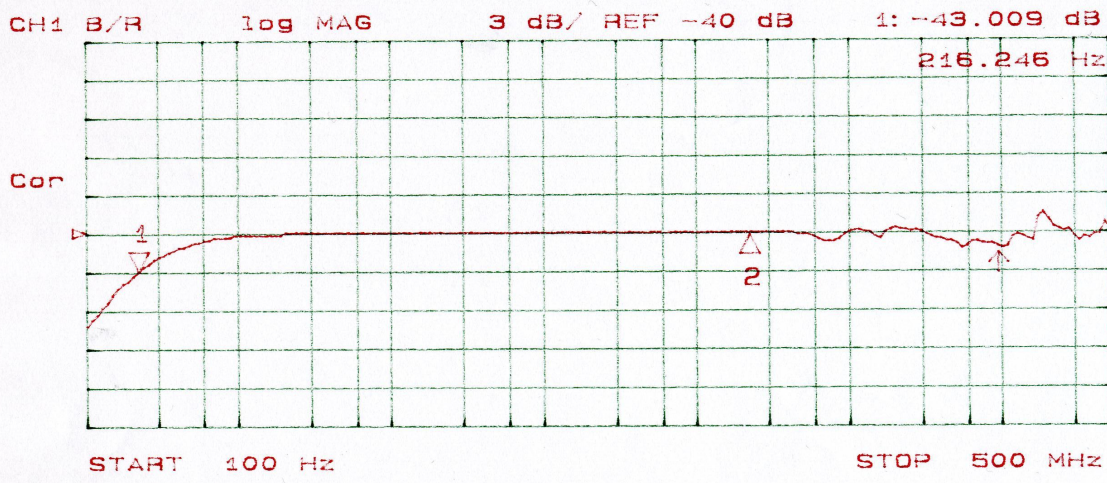
[%]


Durée de l'impulsion

[μ s]

Droop

[%/ μ s]



Model:	FCT-260-50:1-LD-H
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N	STIMULUS	val
1	216.246 Hz	-43.009 dB
2	2.2 MHz	-40.022 dB

$\text{Droop} = 2\pi \times f_{\text{low}} \text{ (-3dB)}$
 $\text{Droop} = 2\pi \times 216 \text{ Hz}$
Droop = 0.14 %/μs

Instrument used:
 HP8751A Network analyser