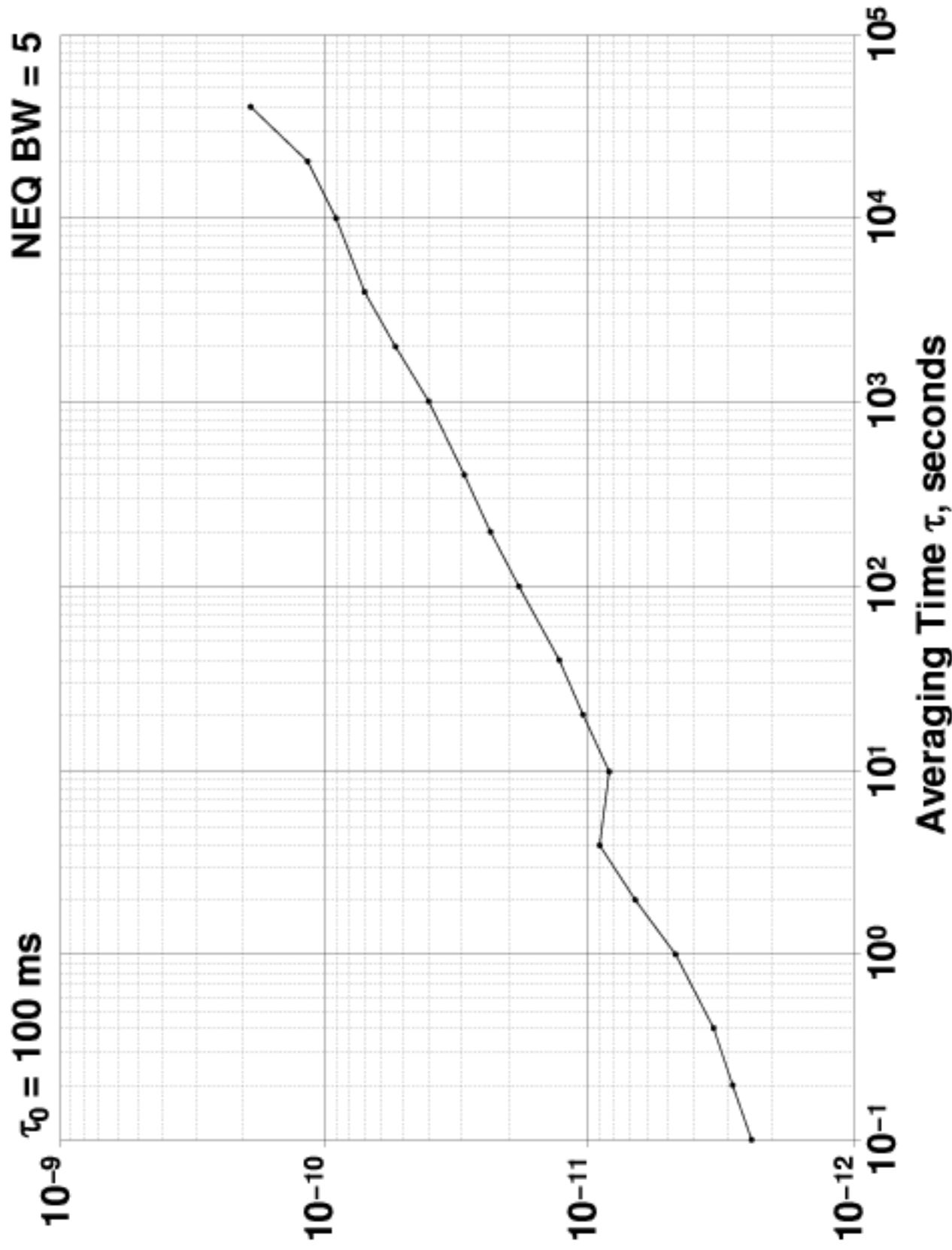


Allan Deviation $\sigma_y(\tau)$



Allan Deviation $\sigma_y(\tau)$

$\tau_0 = 100 \text{ ms}$	Avg. Time (s)	Allan Deviation $\sigma_y(\tau)$	NEQ BW = 5
	0.1	2.4152×10^{-12}	
	0.2	2.8441×10^{-12}	
	0.4	3.358×10^{-12}	
	1	4.687×10^{-12}	
	2	6.641×10^{-12}	
	4	9.132×10^{-12}	
	10	8.28×10^{-12}	
	20	1.054×10^{-11}	
	40	1.280×10^{-11}	
	100	1.812×10^{-11}	
	200	2.36×10^{-11}	
	400	2.93×10^{-11}	
	1000	4.02×10^{-11}	
	2000	5.3×10^{-11}	
	4000	7.0×10^{-11}	
	10000	9.0×10^{-11}	
	20000	1.15×10^{-10}	
	40000	1.9×10^{-10}	

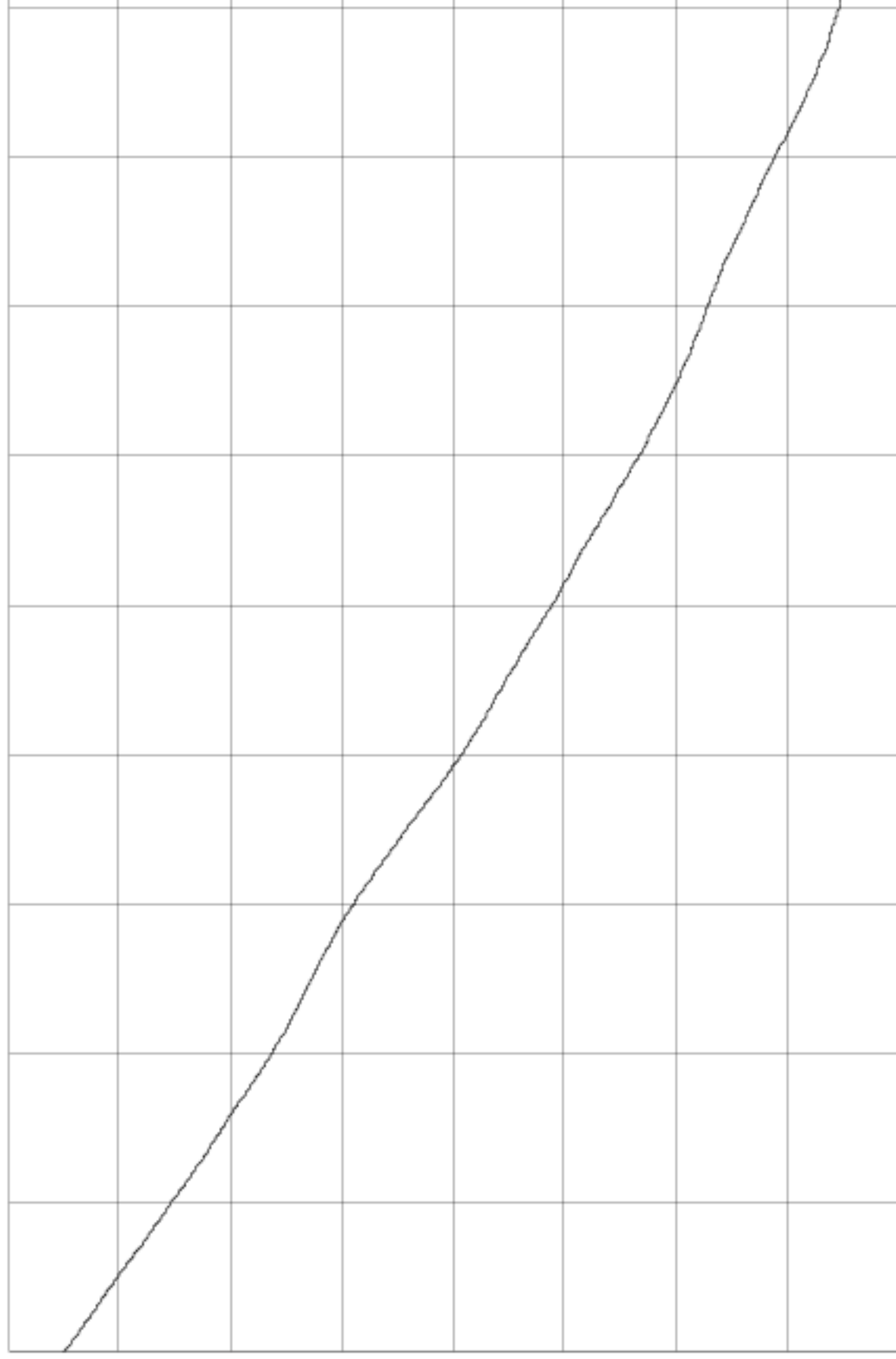
08/03/2007 14:15:58
1d 12h

TSC 5120A

Phase Difference

7.0x10⁻⁰⁹ s/div

Center: -1.665891x10⁻⁰⁵ s



60s/div

Input 10.0 MHz 8 dBm

Reference 5.0 MHz 13 dBm

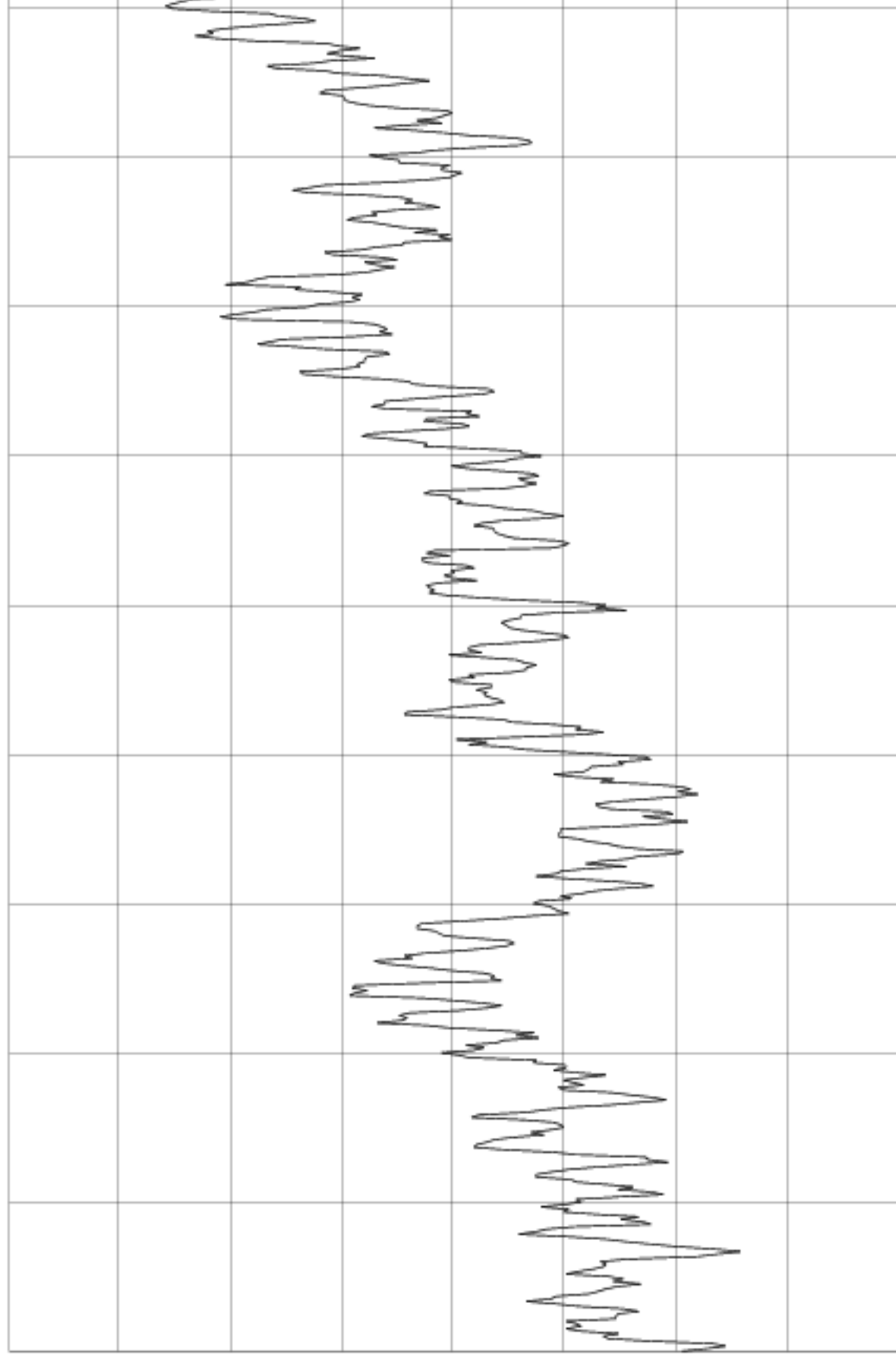
08/03/2007 14:15:58
1d 12h

TSC 5120A

Frequency Difference

2.0×10^{-11} /div

Center: -8.442×10^{-11}



60s/div

Input 10.0 MHz 8 dBm

Reference 5.0 MHz 13 dBm

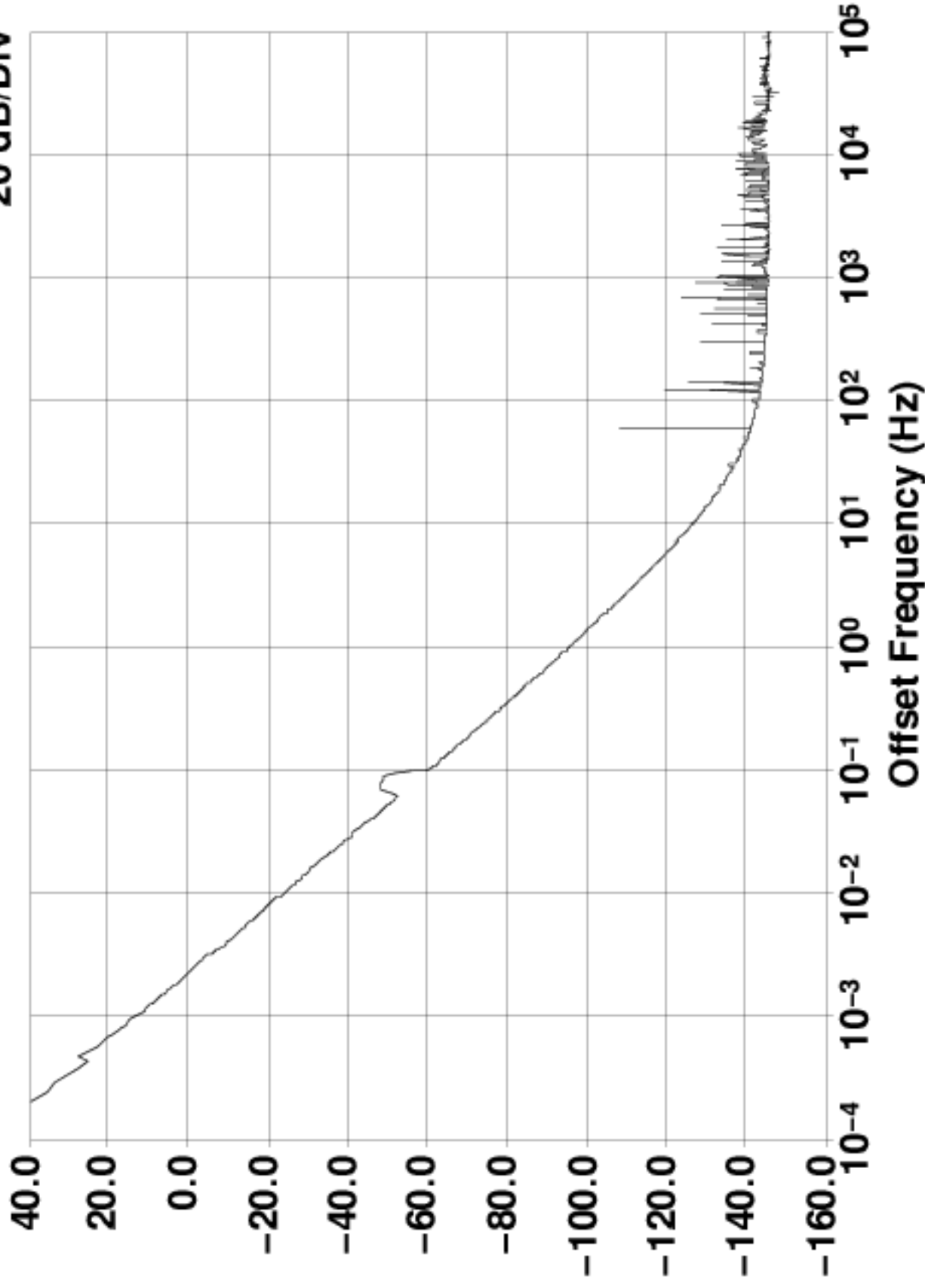
Frequency Counter

Sample Time (s)	Frequency (MHz)
1	10.0000000809764
10	10.00000008085995
100	10.000000081047874
1000	10.000000081466001

Reference Frequency: 5.0 MHz (auto)

$\mathcal{L}(f)$ Phase Noise at 10.0 MHz (dBc/Hz)

20 dB/Div



Input 10.0 MHz 8 dBm

Reference 5.0 MHz 13 dBm