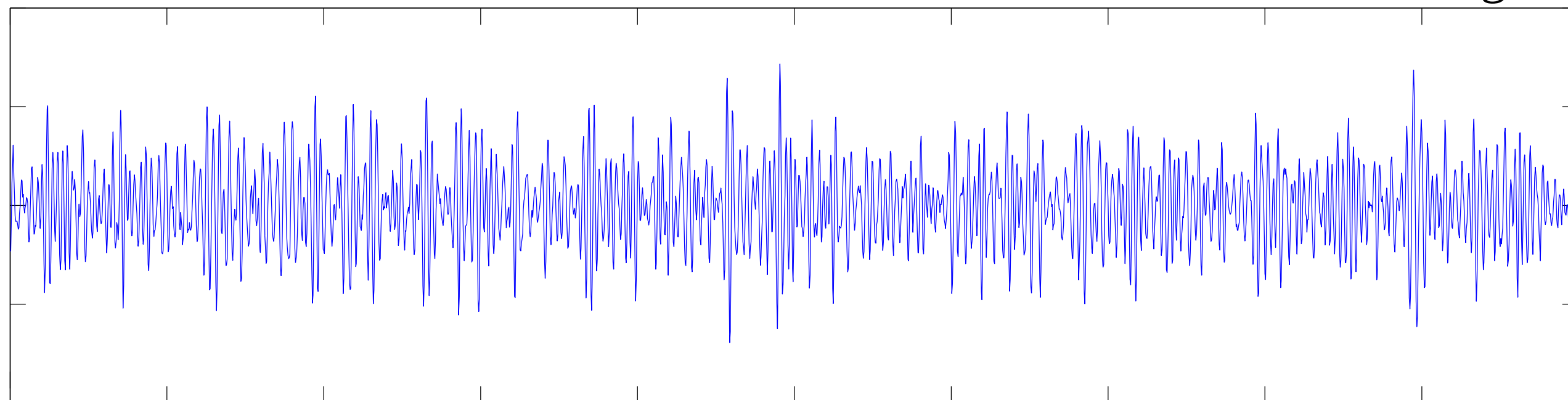
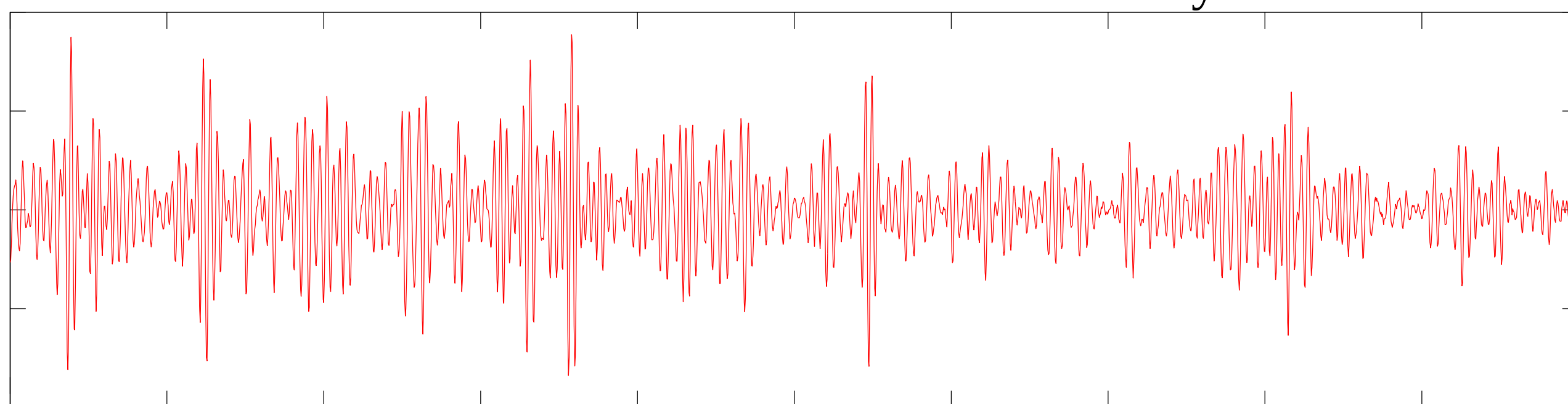


$v(t)$  (Volts)

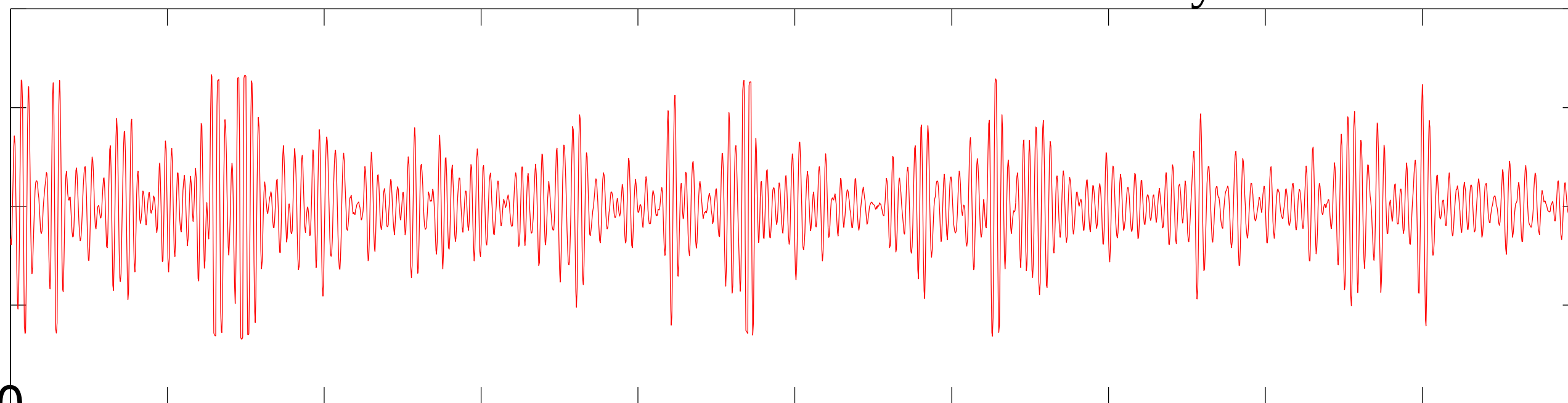
Simulated signal



Arbitrary measurement #1

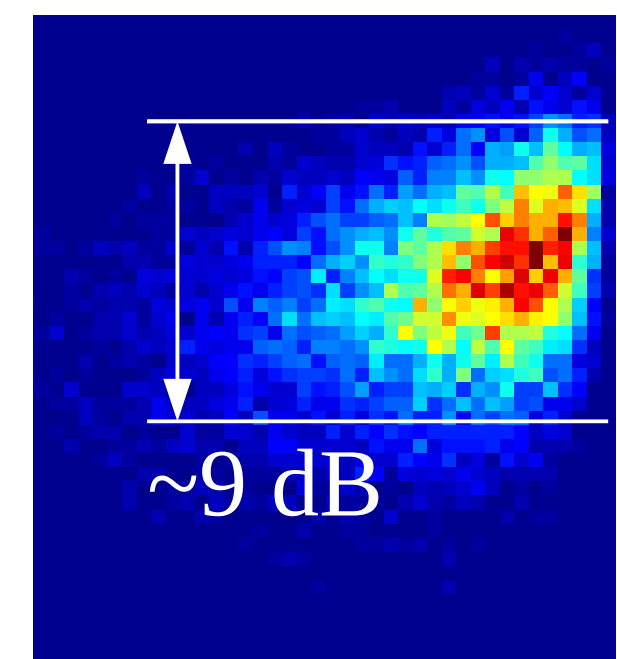


Arbitrary measurement #2



0 5 10 15 20 25 30 35 40 45

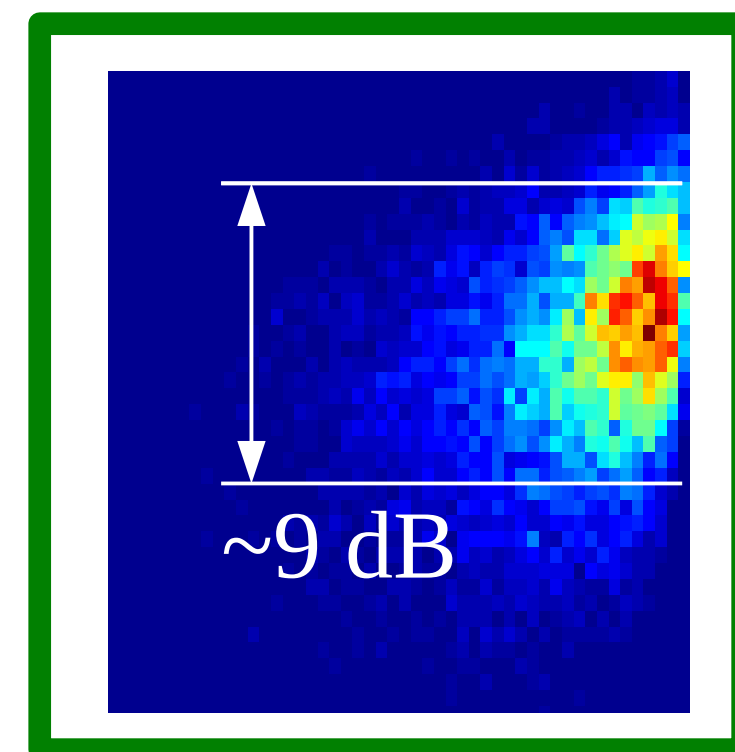
time( $\mu\text{s}$ )



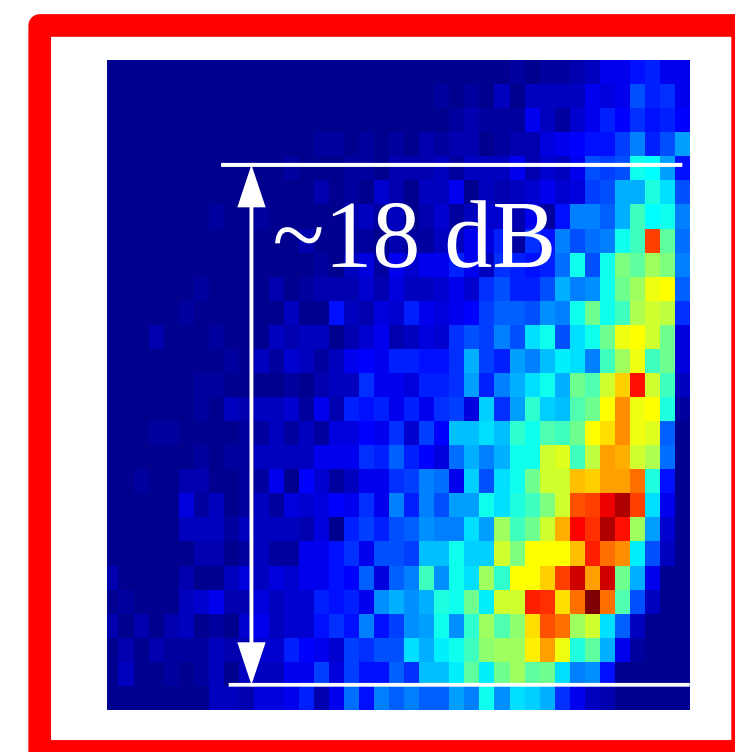
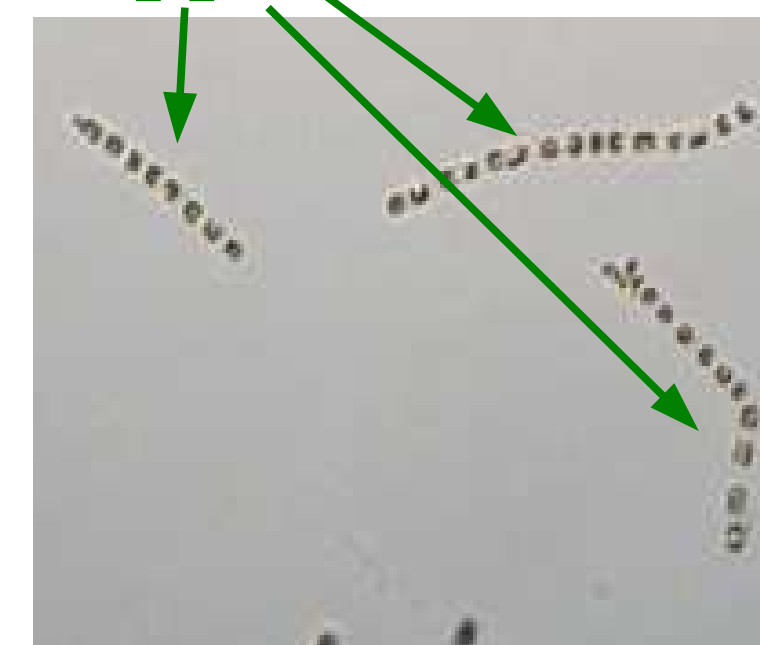
20 dB

$\sim 9$  dB

**First assumption applies**



$\sim 9$  dB



$\sim 18$  dB



**First assumption does not apply!!**