



Figure 4.1: Picture of the fast-gated module designed, assembled and tested for clinical applications.

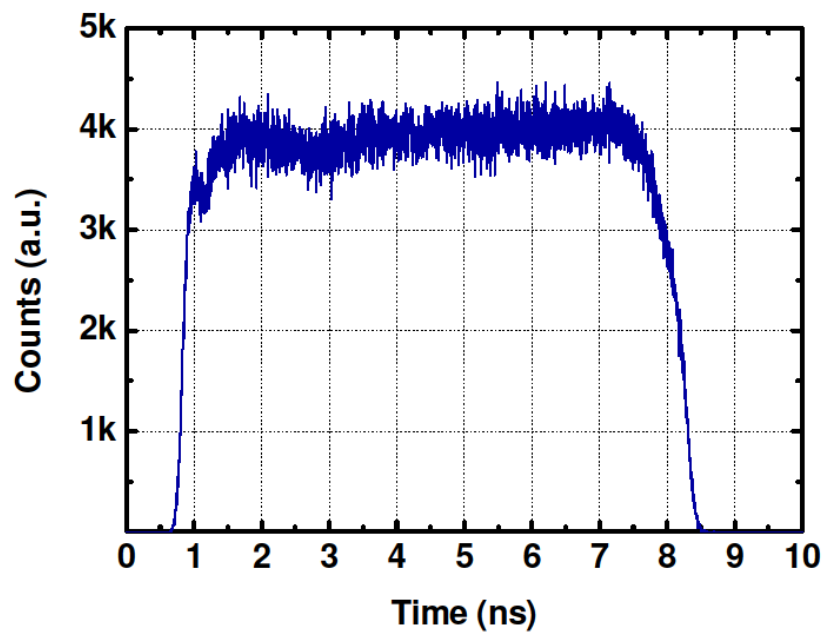


Figure 4.2: Distribution of dark count rate within the gate ON window. The good flatness of the distribution proves the linearity of the temporal response of the system.