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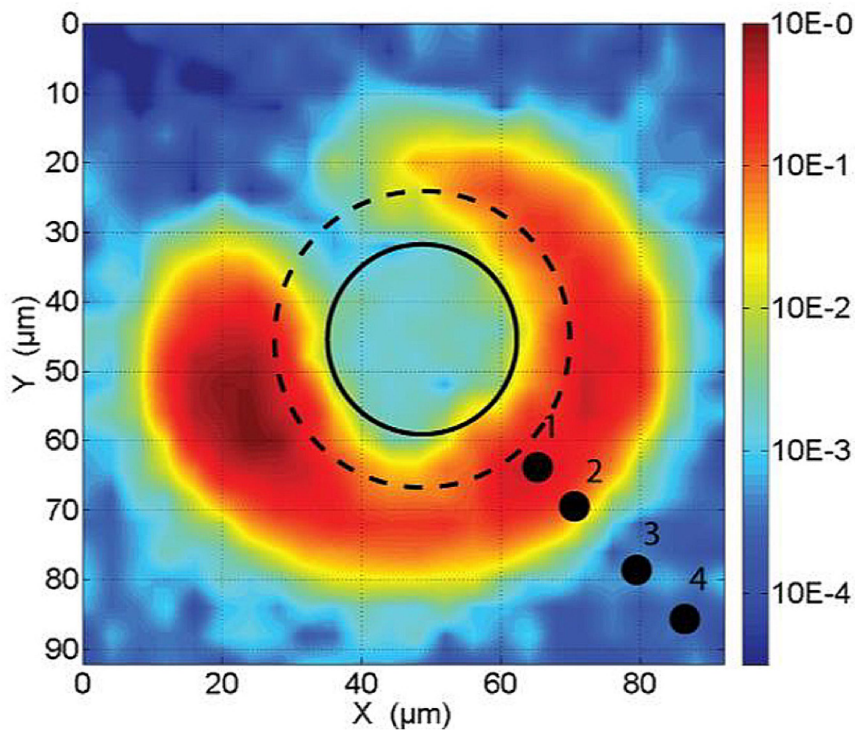
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Normalized maps of spurious counts when scanning the SPAD active area and its periphery with a pulsed laser stimulus before the gate with $\Delta t = 10$ ns (top) and $\Delta t = 100$ ns (bottom), respectively. The active area is delimited by a solid line and the edge of the shallow diffusion by the dashed line. The anode metal stripe shields the laser illumination in the top left corner of the figure. Points 1 to 4 are the four spot positions mentioned in legend of Fig. 12 and where the curves therein reported are acquired. Operating conditions: $V_{EX} = 5$ V, $V_{UV} = 0.5$ V, $T_{ON} = 20$ ns, $T_{OFF} = 100$ μ s, Temperature = 225 K (Calandri *et al.*, Article #4500107).

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