Pulse Shape for 1 Pixel p-in-n 50µm Thick Sensor at 30V ×10<sup>-6</sup> Total Current (A) 0 n<sub>ea</sub> cm<sup>-2</sup> 1e13 n<sub>eq</sub> cm<sup>-2</sup> 1e14 n<sub>eq</sub> cm<sup>-2</sup> 1e15 n<sub>eq</sub> cm<sup>-2</sup> 0.8 0.6 0.4 0.2 1×10<sup>-9</sup> 10 Time (s)