Pulse Shape for 1 Pixel n-in-p 50µm Thick Sensor at -30V ×10<sup>-6</sup> Total Current (A) · 0 n<sub>ea</sub> cm<sup>-2</sup> 0.9 1e13 n<sub>eq</sub> cm<sup>-2</sup> 1e14 n<sub>eq</sub> cm<sup>-2</sup> 8.0 1e15 n<sub>eq</sub> cm<sup>-2</sup> 0.7 0.6 0.5 0.4 0.3 0.2 0.1 ×10<sup>-9</sup> 10 Time (s)