



(Left) The response of the infrared laser as a function of the beam position measured with Particulars<sup>®</sup> scanning TCT. The wavelength of the laser is 1064 nm, and the beam spot size is about 10  $\mu\text{m}$ . (Right) The response as function of the  $x$  for fixed  $y = 0.4375 \mu\text{m}$ , fitted with error functions. The inter-pad gap size is defined as the distance between the two positions where the response is 50% of the plateau, determined from the fitted functions.