Hellinger distance between noisy and ideal distribution of $\langle (X|0\rangle)^2 \rangle$. Gaussian pulses 0.0046 0.0045 0.0044 Hellinger distance [1] 0.0043 0.0042 0.0041 0.0040 0.0039 0.0038 -0.0 0.2 0.4 0.6 8.0 1.0 Location parameter of the Gaussian pulse [1]