Hellinger distance between noisy and ideal distribution of  $\langle (X|1\rangle)^2 \rangle$ . Gaussian pulses 0.0046 0.0045 0.0044 Hellinger distance [1] 0.0043 0.0042 0.0041 0.0040 0.0039 0.0038 -

0.4

Location parameter of the Gaussian pulse [1]

0.6

8.0

1.0

0.2

0.0