Deviation of the CNOT gate matrix elements. $\operatorname{Re}(|00\rangle\langle00|)$ $-\operatorname{Re}(|10\rangle\langle00|)$ $\operatorname{Im}(|00\rangle\langle00|)$ $\operatorname{Im}(|10\rangle\langle 00|)$ - Re($|10\rangle\langle01|$) -- Im($|10\rangle\langle01|$) $\operatorname{Re}(|00\rangle\langle01|)$ $\operatorname{Im}(|00\rangle\langle01|)$ $\operatorname{Re}(|00\rangle\langle10|)$ - Re(|10⟩ ⟨10|) $-\operatorname{Im}(|00\rangle\langle10|)$ -- Im($|10\rangle\langle10|$) 0.6 $\operatorname{Re}(|00\rangle\langle11|)$ - $\operatorname{Re}(|10\rangle\langle 11|)$ - $\operatorname{Im}(|00\rangle\langle 11|)$ - $\operatorname{Im}(|10\rangle\langle 11|)$ $\operatorname{Re}(|01\rangle\langle 00|)$ $\operatorname{Re}(|11\rangle\langle 00|)$ $= \operatorname{Im}(|01\rangle \langle 00|)$ --- Im($|11\rangle\langle00|$) $\operatorname{Re}(|01\rangle\langle 01|)$ Re($|11\rangle\langle01|$) --- Im($|01\rangle\langle 01|$) $\operatorname{Im}(\left|11\right\rangle\left\langle01\right|)$ $\operatorname{Re}(|01\rangle\langle 10|)$ $\operatorname{Re}(|11\rangle\langle 10|)$ --- Im($|01\rangle\langle 10|$) $\operatorname{Im}(|11\rangle\langle 10|)$ 0.4 $\operatorname{Re}(|01\rangle\langle 11|)$ - Re($|11\rangle\langle 11|$) - $\operatorname{Im}(|01\rangle\langle 11|)$ — Im(|11⟩ ⟨11|) Deviation from noiseless case [1] 0.2 0.0-0.2-0.4-0.60.2 0.6 0.8 1.0 0.00.4Gaussian location parameter [1]