Deviation of the CNOT gate matrix elements. 0.01000.00750.0050Deviation from noiseless case [1] 0.00250.0000-0.0025-0.0050 $\operatorname{Re}(|00\rangle\langle00|)$ $\operatorname{Re}(|10\rangle\langle00|)$ $\operatorname{Im}(|00\rangle\langle00|)$ $\operatorname{Im}(|10\rangle\langle00|)$ $\operatorname{Re}(|00\rangle\langle01|)$ $\operatorname{Re}(|10\rangle\langle01|)$ $\operatorname{Im}(|00\rangle\langle01|)$ $\operatorname{Im}(|10\rangle\langle01|)$ $\operatorname{Re}(|00\rangle\langle 10|)$ $\operatorname{Re}(|10\rangle\langle10|)$ $\operatorname{Im}(|00\rangle\langle 10|)$ $\operatorname{Im}(|10\rangle\langle 10|)$ -0.0075 $\operatorname{Im}(|00\rangle\langle 11|)$ $\operatorname{Re}(|00\rangle\langle11|)$ $\operatorname{Re}(|10\rangle\langle11|)$ $\operatorname{Im}(|10\rangle\langle 11|)$ $\operatorname{Re}(|01\rangle\langle 00|)$ $\operatorname{Re}(|11\rangle\langle00|)$ $\operatorname{Im}(|01\rangle\langle 00|)$ $\operatorname{Im}(|11\rangle\langle 00|)$ $\operatorname{Re}(|01\rangle\langle 01|)$ $\operatorname{Re}(|11\rangle\langle01|)$ $\operatorname{Im}(|01\rangle\langle 01|)$ $\operatorname{Im}(\left|11\right\rangle\left\langle01\right|)$ $\operatorname{Re}(|01\rangle\langle 10|)$ $\operatorname{Im}(|01\rangle\langle 10|)$ $\operatorname{Re}(|11\rangle\langle 10|)$ $\operatorname{Im}(|11\rangle\langle 10|)$ -0.0100 $\operatorname{Re}(|01\rangle\langle 11|)$ $\operatorname{Re}(|11\rangle\langle 11|)$ $\operatorname{Im}(|01\rangle\langle 11|)$ $\operatorname{Im}(|11\rangle\langle 11|)$ 1.0 0.00.2 0.4 0.6 0.8 Gaussian location parameter [1]