$\epsilon_r$ =0.03, J=0.64, g=10  $\times 10^9$ 1.0 0.0008 N = 8N = 100.0007N = 110.8 N = 120.0006  $\begin{array}{c} \left\langle \begin{array}{c} 0.6 \\ \langle \begin{array}{c} 0.6 \\ \rangle \end{array} \right\rangle \\ 0.4 \end{array}$ 0.0005 $\delta\Omega_{beat}$ 0.0003 0.00020.2 0.0001 0.0 0.0000 0.2 0.40.6 0.8 1.0 10 11 12 0.0  $\Omega/\omega$ 

N