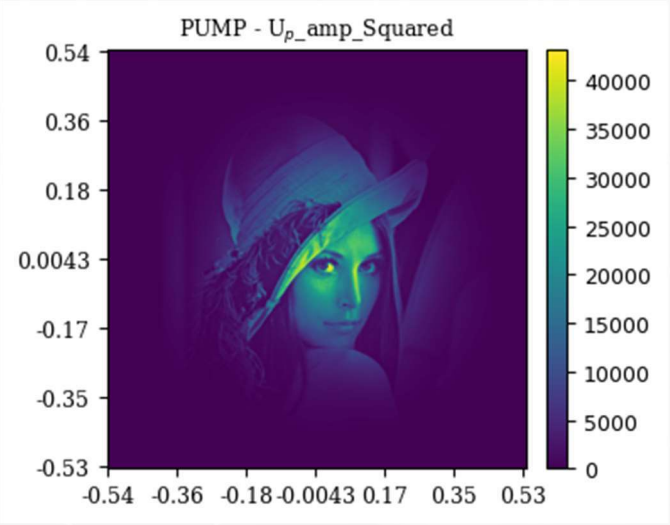
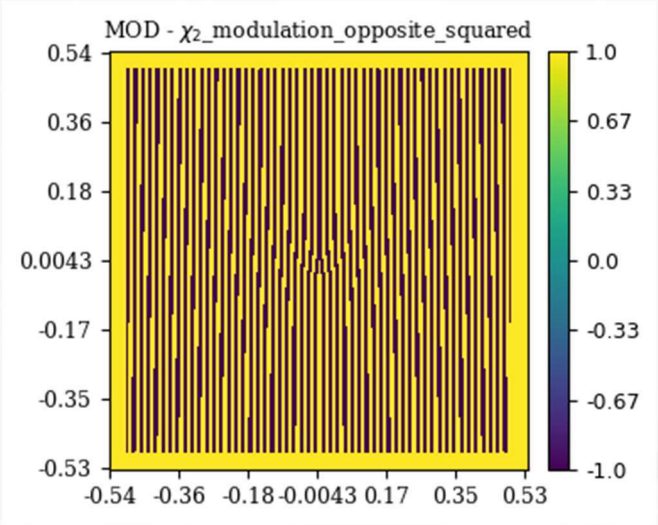
$$\mathcal{F}\left[E_3(x,y,z)\right] \approx \frac{\chi_{\text{eff}}\omega_3^2}{c^2} \cdot \sum_{l_z=-\infty}^{+\infty} C_{l_z} \cdot \left[\frac{\mathcal{F}\left[M_{\text{eff}}(x,y) \cdot E_1(\boldsymbol{r}) E_2(\boldsymbol{r})\right] \cdot e^{ig_{l_z} z} - \mathcal{F}\left[M_{\text{eff}}(x,y) \cdot E_{10} E_{20}\right] \cdot e^{ik_{3z} z}}{\left(\overline{k_{1z}} + \overline{k_{2z}} + g_{l_z}\right)^2 - k_{3z}^2} \right]$$

新公式，无视 晶体长度，一步到位

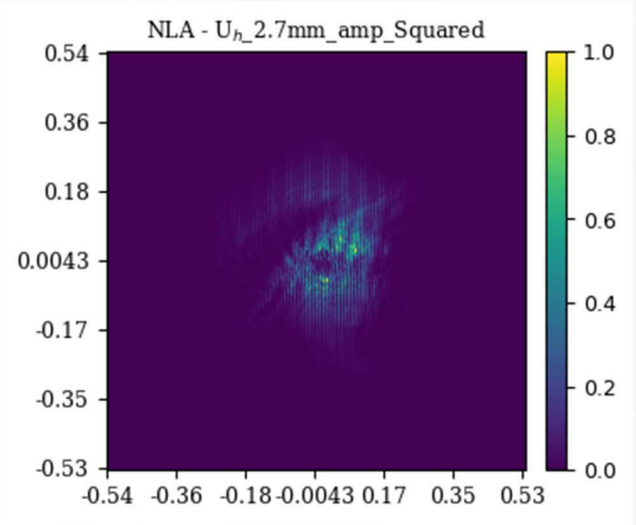
耗时 < 1 s



任一 泵浦



任一 调制



一步 输出