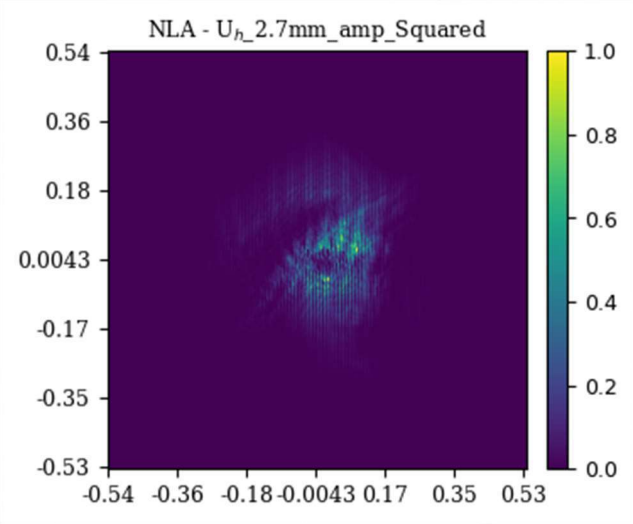
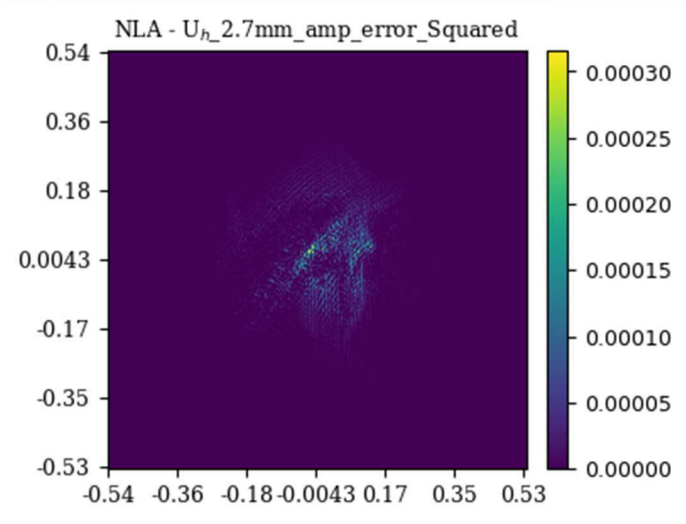
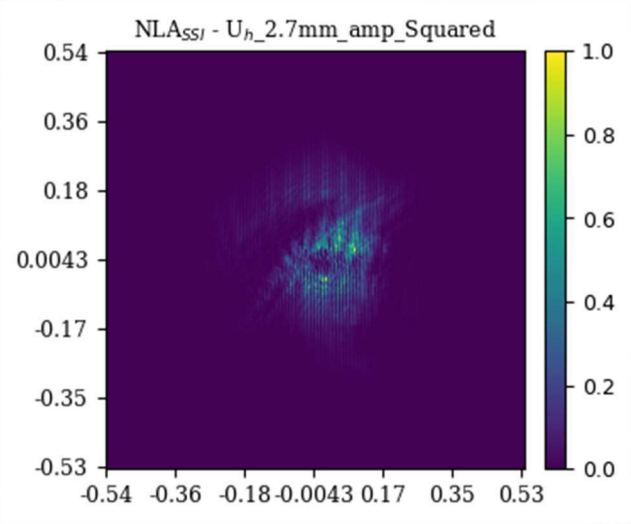
$$\mathcal{F}\left[E_3(x,y,z)\right] \approx \frac{\chi_{\text{eff}}\omega_3^2}{c^2} \cdot \sum_{l_z=-\infty}^{+\infty} C_{l_z} \cdot \left[\frac{\mathcal{F}\left[M_{\text{eff}}(x,y)\cdot E_1(\boldsymbol{r})E_2(\boldsymbol{r})\right]\cdot e^{ig_{l_z}z} - \mathcal{F}\left[M_{\text{eff}}(x,y)\cdot E_{10}E_{20}\right]\cdot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

```
U_NonZero_size=0.9, w0=0.3,
L0_Crystal=2.66, z0_structu
lam1=1.064, is_air_pump=0,
deff=30, is_fft=1, fft_mode
```







一步 输出

二者 之差 ~ 0.01 %

迭代 输出

```
Tx=18.769, Ty=20, Tz=6.2,
mx=1, my=0, mz=1,
is_stripe=0, is_NLAST=1,
```

真 · 随机 参数

(但 T_z 得远离 2 l_c)

$$\mathcal{F}\left[E_3(x,y,z)\right] = \frac{\omega_3^2}{c^2} \cdot \frac{1-e^{-ik_{3z}\mathrm{d}z}}{k_{3z}^2} \cdot \sum_{j=1}^{z/\mathrm{d}z} Q_{3,z-j\cdot\mathrm{d}z} \cdot e^{ik_{3z}\cdot j\cdot\mathrm{d}z}$$