Degraded Images: frequency patterns attributed to tasks.

Input

Ground Truth

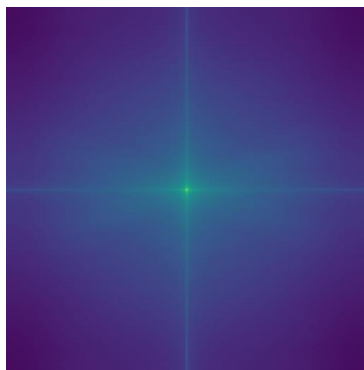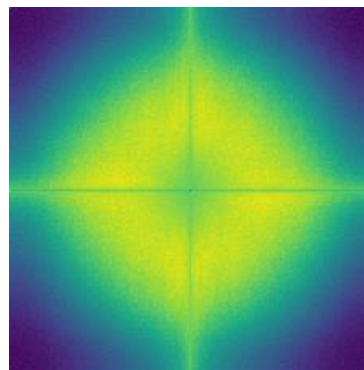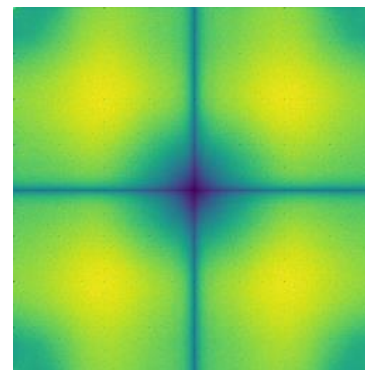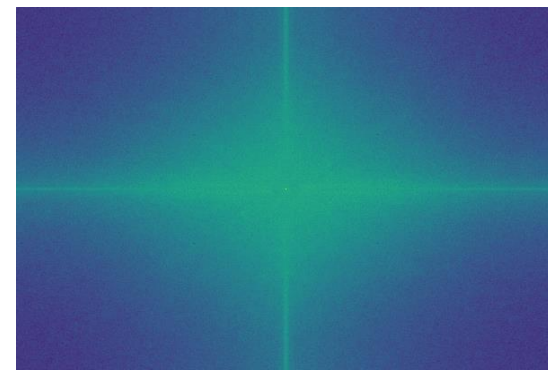Smart ISP · Low-light · Derain · Deblur · Dehaze · Denoise
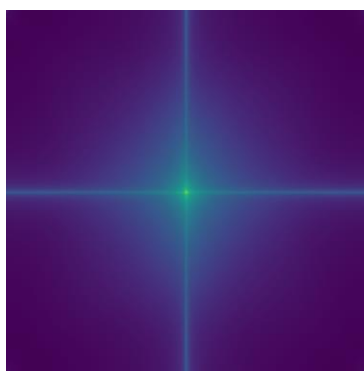
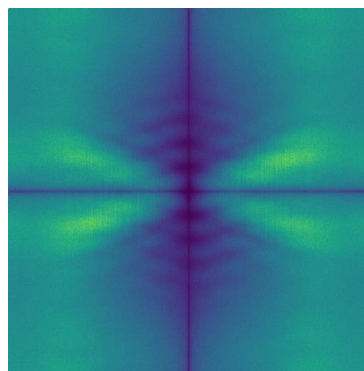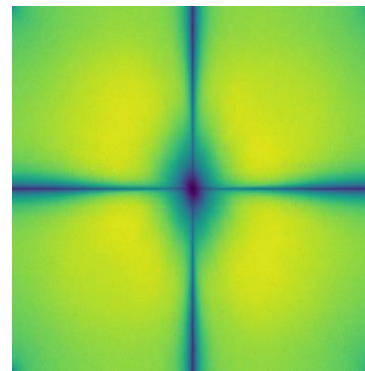**Frequency Patterns**

Derain

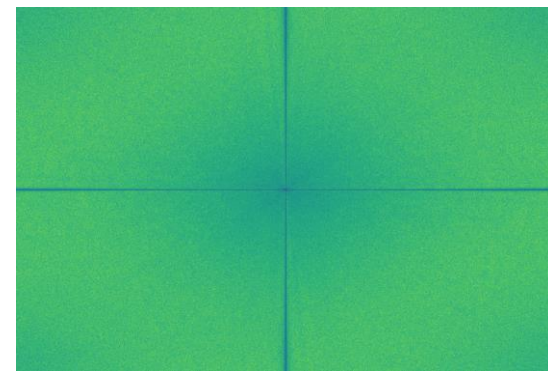Smart ISP

Denoise

Low-light

Deblur

Derain

Deblur

Dehaze

$$\mathbb{E}[\|\mathcal{F}(X)[i,j]\|]$$

$$\mathbb{E}[\|\mathcal{F}(C(X) - X)[i,j]\|]$$