Table 1: Ablation Experiment Design

Setting	Local	Global	Loss	PSNR/SSIM
Complete Model	✓	✓	✓	32dB/0.92
Local	✓	✗	✗	PSNR↓
Global	✗	✓	✓	SSIM↓
Freeze target network	✓	✓	✗	Crash

Table 2: Effect of hyperparameter τ

τ	SAM↓	QNR↑
0.9		
0.99		
0.999		