StegaStamp Watermarking Evaluation
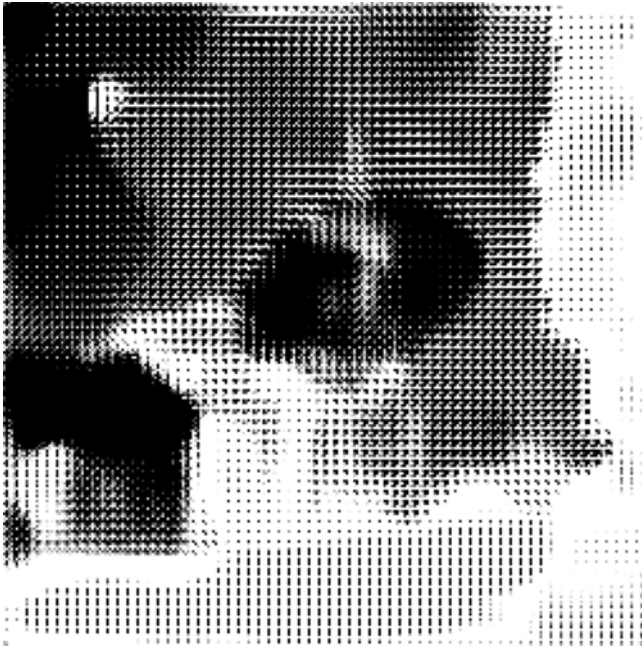

Original

Watermarked
'0xBC4CA0EdA7'
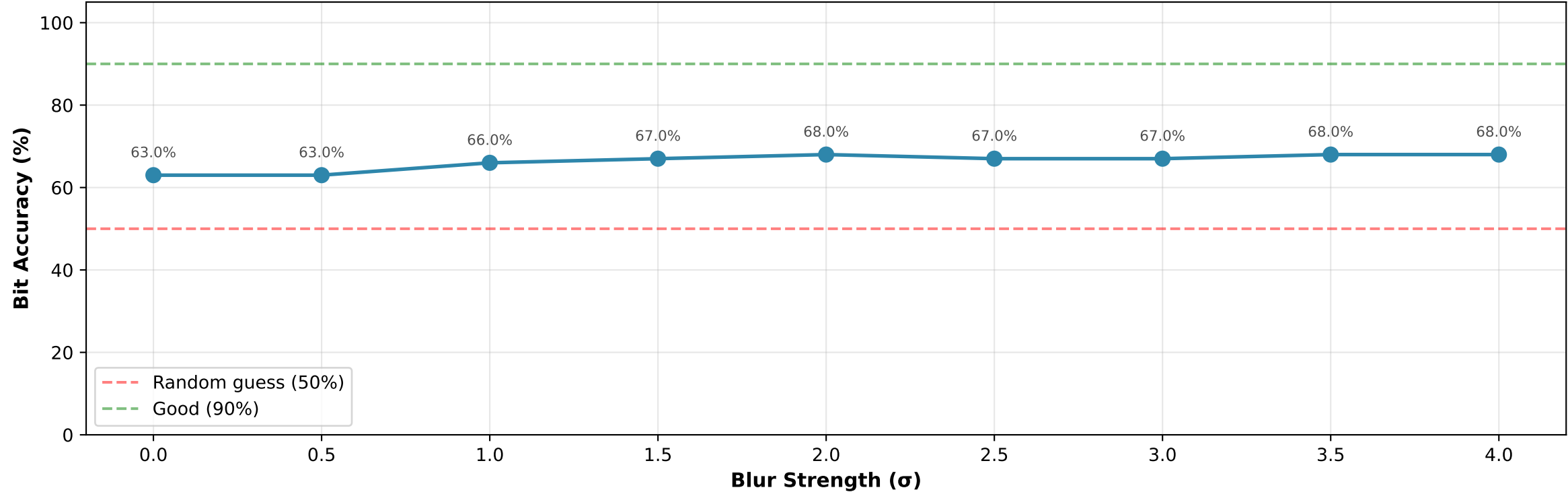**PSNR: 22.48 dB**

Residual (15x)
Alpha: 0.233

After Blur Attack
'0xD00F6C150C'
Acc: 66.0%

Watermark Robustness vs Gaussian Blur Attack


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RESIDUAL STATISTICS

Raw Values:
  Mean: 0.012970
  Std:  0.250075
  Min:  -0.761
  Max:  0.492

Alpha: 0.2335
After scaling (α×tanh):
  α = 0.2293

Image Impact:
  Mean change: 0.1300
  Max change:  0.2293

Pixels changed:
  >1%:  95.7%
  >10%: 60.8%
```