StegaStamp Watermarking Evaluation
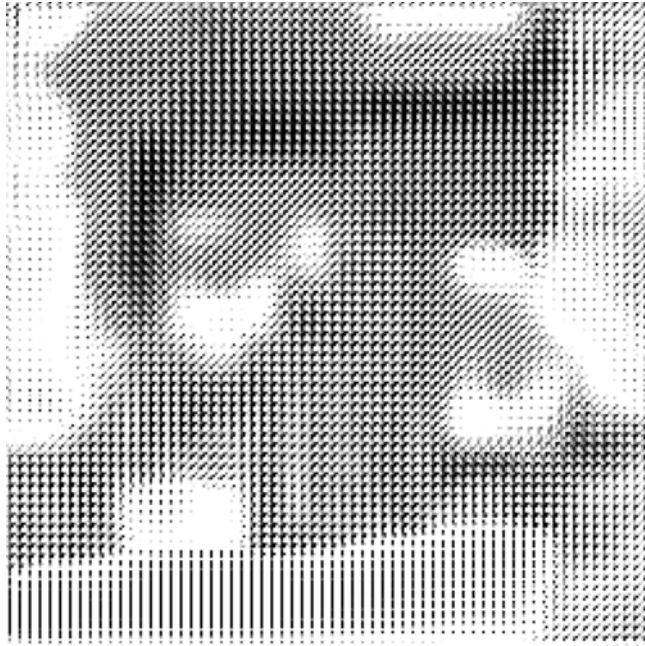

Original

Watermarked
'0xBC4CA0EdA7'
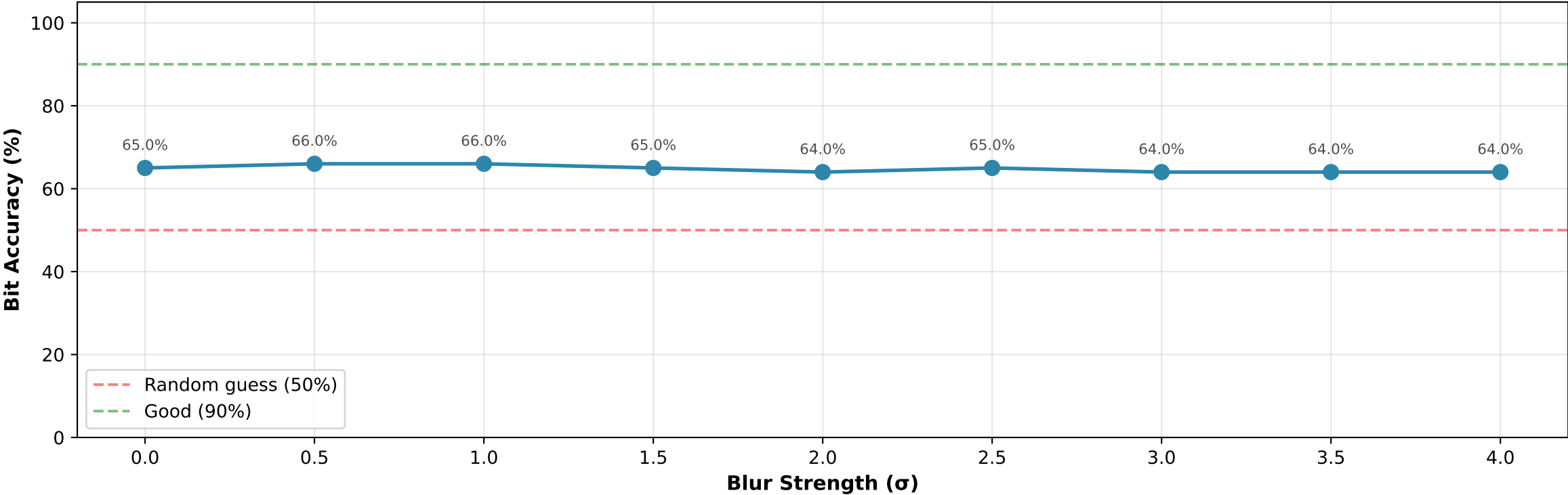**PSNR: 25.36 dB**

Residual (15x)
Alpha: 0.205

After Blur Attack
'0x1BA08062C0'
Acc: 66.0%

Watermark Robustness vs Gaussian Blur Attack


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RESIDUAL STATISTICS

Raw Values:
  Mean: 0.081479
  Std:  0.144053
  Min:  -0.331
  Max:   0.447

Alpha: 0.2048
After scaling (α×tanh):
  α = 0.2020

Image Impact:
  Mean change: 0.0849
  Max change:  0.2020

Pixels changed:
  >1%:  90.9%
  >10%: 34.7%
```