StegaStamp Watermarking Evaluation
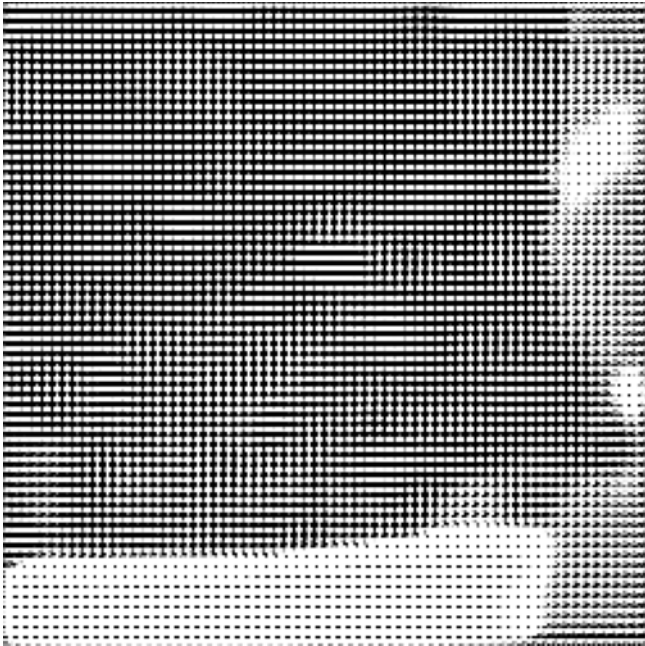

Original

Watermarked
'0xBC4CA0EdA7'
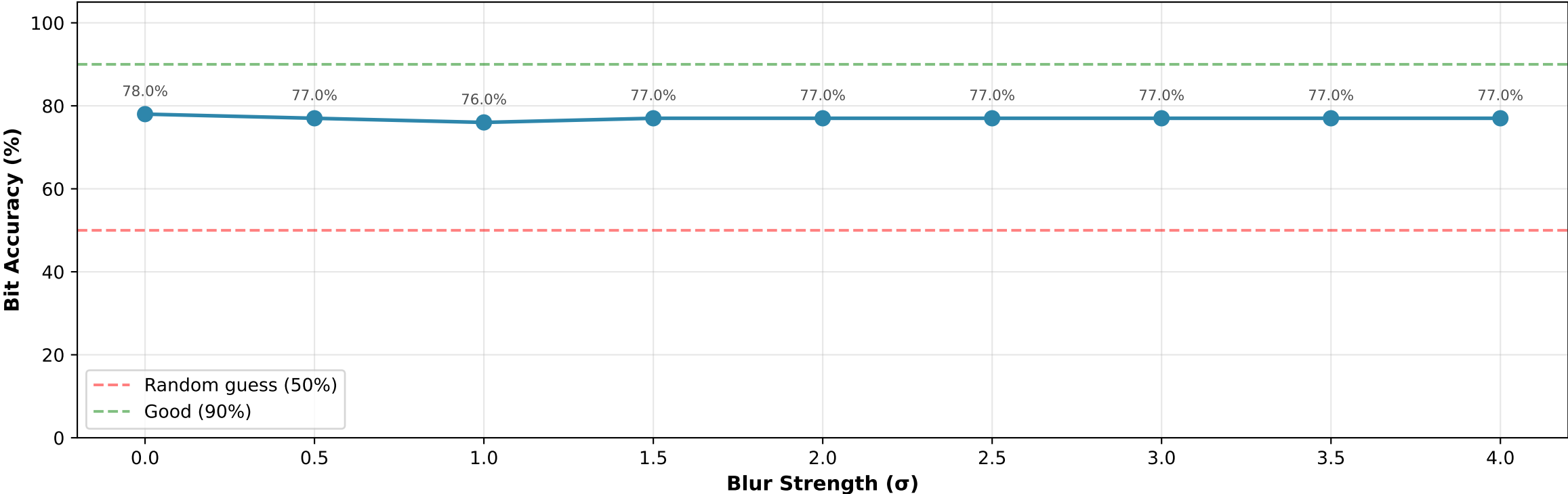**PSNR: 25.72 dB**

Residual (15x)
Alpha: 0.213

After Blur Attack
'0x00A4040990'
Acc: 76.0%

Watermark Robustness vs Gaussian Blur Attack


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RESIDUAL STATISTICS

Raw Values:
  Mean: 0.028334
  Std:  0.198847
  Min:  -0.387
  Max:  0.429

Alpha: 0.2134
After scaling (α×tanh):
  α = 0.2102

Image Impact:
  Mean change: 0.0825
  Max change:  0.2102

Pixels changed:
  >1%:  91.5%
  >10%: 32.5%
```