STEGANOGRAPHY METRICS REPORT

Generated on: 2025-08-24 16:20

ID: 1

Orig_Audio: orig_audio_sine.wav

Stego_Audio: stego_001_alg1_sine_baboon.wav

Orig_Image: orig_image_baboon.png

Extract_Image: extract_001_alg1_baboon_from_sine.png

Metric	Value
Audio Mse	1.8552e-11
Audio Psnr	107.3160
Audio Snr	99.2040
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 2

Orig_Audio: orig_audio_sine.wav

Stego_Audio: stego_002_alg1_sine_pepper.wav

Orig_Image: orig_image_pepper.png

Extract_Image: extract_002_alg1_pepper_from_sine.png

Metric	Value
Audio Mse	1.8815e-11
Audio Psnr	107.2550
Audio Snr	99.1462
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 3

Orig_Audio: orig_audio_sine.wav

Stego_Audio: stego_003_alg1_sine_cameraman.wav

Orig_Image: orig_image_cameraman.png

Extract_Image: extract_003_alg1_cameraman_from_sine.png

Metric	Value
Audio Mse	1.8625e-11
Audio Psnr	107.2991
Audio Snr	99.1880
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 4

Orig_Audio: orig_audio_pink.wav
Stego_Audio: stego_004_alg2_pink_baboon.wav
Orig_Image: orig_image_baboon.png
Extract_Image: extract_004_alg2_baboon_from_pink.png

Metric	Value
Audio Mse	2.7226e-11
Audio Psnr	105.6502
Audio Snr	53.3577
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 5

Orig_Audio: orig_audio_pink.wav
Stego_Audio: stego_005_alg2_pink_pepper.wav
Orig_Image: orig_image_pepper.png
Extract_Image: extract_005_alg2_pepper_from_pink.png

Metric	Value
Audio Mse	2.7317e-11
Audio Psnr	105.6356
Audio Snr	53.3436
Image Ber	0

Metric	Value
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 6

Orig_Audio: orig_audio_pink.wav

Stego_Audio: stego_006_alg2_pink_cameraman.wav

Orig_Image: orig_image_cameraman.png

Extract_Image: extract_006_alg2_cameraman_from_pink.png

Metric	Value
Audio Mse	2.7326e-11
Audio Psnr	105.6342
Audio Snr	53.3423
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 7

Orig_Audio: orig_audio_femaleSpech.wav

Stego_Audio: stego_007_alg3_femaleSpech_baboon.wav

Orig_Image: orig_image_baboon.png

Extract_Image: extract_007_alg3_baboon_from_femaleSpech.png

Metric	Value
Audio Mse	5.3797e-11
Audio Psnr	102.6924
Audio Snr	79.0796
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 8

Orig_Audio: orig_audio_femaleSpech.wav

Stego_Audio: stego_008_alg3_femaleSpeech_pepper.wav
Orig_Image: orig_image_pepper.png
Extract_Image: extract_008_alg3_pepper_from_femaleSpech.png

Metric	Value
Audio Mse	5.5128e-11
Audio Psnr	102.5863
Audio Snr	78.9754
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000

ID: 9

Orig_Audio: orig_audio_femaleSpech.wav
Stego_Audio: stego_009_alg3_femaleSpech_cameraman.wav
Orig_Image: orig_image_cameraman.png
Extract_Image: extract_009_alg3_cameraman_from_femaleSpech.png

Metric	Value
Audio Mse	6.0741e-11
Audio Psnr	102.1652
Audio Snr	78.5614
Image Ber	0
Image Mse	0
Image Psnr	inf
Image Ssim	1.0000