

## BB84 Metrics Report

Timestamp: 2025-12-09 22:22:23.836743

Original File Size (bytes): 1610187

Cipher Algorithm: AES-GCM

Key Confirmation: Passed

Key Confirmation Error Rate: 0.0

Encryption Time (s): 3.1586

Key A Length: 128

Key B Length: 124

Key B - Count of 1s: 64

Key B - Count of 0s: 60

A/B Bit Match Percentage: 100.0

Estimated Shannon Entropy: 1.0

Encrypted File Size (bytes): 2872362

SHA-256 Hash of Encrypted File: e4940d7955008eb3f1747fa7434b3d325dfaf5bbbdc37b20d09e5e7f9f90e66b

Post-Quantum Signature: Enabled