

## BB84 Metrics Report

Timestamp: 2025-12-12 19:09:31.109453

Original File Size (bytes): 37730

Cipher Algorithm: AES-SIV

Key Confirmation: Passed

Key Confirmation Error Rate: 0.0

Encryption Time (s): 0.7369

Key A Length: 144

Key B Length: 139

Key B - Count of 1s: 62

Key B - Count of 0s: 77

A/B Bit Match Percentage: 100.0

Estimated Shannon Entropy: 0.986

Encrypted File Size (bytes): 76880

SHA-256 Hash of Encrypted File: f41bf2f98692f58650bef200e283714774a97c2d515f38a20f3281b8da0b702e

Post-Quantum Signature: Enabled

QKD - Sifted Length: 159

QKD - QBER: 0.0

QKD - Final Secure Length (ell): 125.78