

## BB84 Metrics Report

Timestamp: 2025-12-12 17:38:57.511183

Original File Size (bytes): 134

Cipher Algorithm: AES-SIV

Key Confirmation: Passed

Key Confirmation Error Rate: 0.0

Encryption Time (s): 0.8784

Key A Length: 136

Key B Length: 133

Key B - Count of 1s: 62

Key B - Count of 0s: 71

A/B Bit Match Percentage: 100.0

Estimated Shannon Entropy: 0.9944

Encrypted File Size (bytes): 10041

SHA-256 Hash of Encrypted File: e0db0c88bde4c241237dc28e34ffbb602be6817c7f4ed9f81f33b3eec9fe92b5

Post-Quantum Signature: Enabled

QKD - Sifted Length: 153

QKD - QBER: 0.0

QKD - Final Secure Length (ell): 119.78