

BB84 Metrics Report

Timestamp: 2025-12-12 19:08:16.627585

Original File Size (bytes): 5292044

Cipher Algorithm: AES-SIV

Key Confirmation: Passed

Key Confirmation Error Rate: 0.0

Encryption Time (s): 8.5994

Key A Length: 144

Key B Length: 142

Key B - Count of 1s: 67

Key B - Count of 0s: 75

A/B Bit Match Percentage: 100.0

Estimated Shannon Entropy: 0.9965

Encrypted File Size (bytes): 9417883

SHA-256 Hash of Encrypted File: 1b32ab5f16e5971ddf6470becad339b27f3abaad25cb5c70ed72bfd275a6a572

Post-Quantum Signature: Enabled

QKD - Sifted Length: 162

QKD - QBER: 0.0

QKD - Final Secure Length (ell): 128.78