BB84 Metrics Report

Timestamp: 2025-12-12 17:37:39.615413

Original File Size (bytes): 3736835

Cipher Algorithm: AES-SIV

Key Confirmation: Passed

Key Confirmation Error Rate: 0.0

Encryption Time (s): 5.7022

Key A Length: 136

Key B Length: 133

Key B - Count of 1s: 73

Key B - Count of 0s: 60

A/B Bit Match Percentage: 100.0

Estimated Shannon Entropy: 0.9961

Encrypted File Size (bytes): 6653054

SHA-256 Hash of Encrypted File: f0a204d7b26910ef73cfb8d9f6eedaf50df86daeb4d819a912369d42aee30f35

Post-Quantum Signature: Enabled

QKD - Sifted Length: 153

QKD - QBER: 0.0

QKD - Final Secure Length (ell): 119.78