RSA Encryption Analysis Report

1. RSA Encryption Details

Message: acelle

Key Length: 1024 bits

Maximum bytes per chunk: 127

Encrypted chunks: [6050307488865482908033613902266840550260010086337223787944499918170766

RSA Values: n = 1650570937301323638963829874797517586150096577559875151457188822812016969

2. Decryption Algorithm Results

Results of various decryption algorithms:

Algorithm	Time	Success	Decrypted Message
Brute Force	60.0006s	[Failed]	Failed
Euler's Factorization	60.0010s	[Failed]	Failed
Quadratic Sieve	60.0011s	[Failed]	Failed
General Number Field Sieve	60.0002s	[Failed]	Failed
Shor's Algorithm	60.0002s	[Failed]	Failed

3. RSA-OAEP Performance

RSA-OAEP Encryption Time: 0.0041s

RSA-OAEP Decryption Time: 0.0010s

Decrypted Message: acelle