

Common Failure Patterns

VISUAL Checkerboard Artifacts



Grid-like patterns appear in generated images due to deconvolution operations

Image Quality

COLOR Unrealistic Colors



Color distributions don't match real data, often oversaturated or unnatural

Distribution

TEXTURE Inconsistent Transitions



Mix of blurry and sharp regions without logical consistency

Coherence

ANATOMY Anatomical Errors



Incorrect features in faces, hands, or body proportions

Realism

CRITICAL Training Collapse After Initial Success



Model performance degrades suddenly after showing good results, often unrecoverable without restart

Training Dynamics

Visual Artifacts

- Checkerboard patterns
- Color inconsistencies

Video Issues

Temporal inconsistency between frames in video generation tasks

Resolution Limits

Quality degrades without progressive growing techniques

- Blurry/sharp mixing