Video Quality Test Results Report

Test Information

Parameter	Value
Test Name	[Test Name]
Project Name	[Project Name]
Test Date & Time	March 31, 2025 22:14:06
Test Location	[Test Location]
Test Operator	[Operator Name]
Test Standard	[Standard Name and Version]

Reference & Test Video Information

Parameter	Value
Reference Video	[Reference Video Filename]
Test Video	[Test Video Filename]
Resolution	[Resolution, e.g., 1920x1080]
Frame Rate	[Frame Rate, e.g., 30 fps]
Bit Depth	[Bit Depth, e.g., 8-bit]
Color Space	[Color Space, e.g., YUV 4:2:0]
Total Frames	145
Test Duration	[Duration, e.g., 00:04:50]

Test Equipment & Software

Equipment/Software	Version/Model	Purpose
VMAF Software	[Version, e.g., Netflix VMAF 2.3.1]	Video Quality Assessment
Hardware	[Hardware Details]	Test Platform
Additional Tools	[Other Tools Used]	[Purpose]

Summary Results

VMAF Score Summary

Metric	Minimum	Maximum	Average
VMAF	0.00	87.74	4.60

PSNR Summary (dB)

Component	Minimum	Maximum	Average
PSNR Average	5.78	13.74	9.17
PSNR Y (Luma)	4.03	12.07	7.45
PSNR U (Chroma)	20.27	27.83	24.67
PSNR V (Chroma)	21.49	28.26	26.61

Segment Analysis

The test video shows distinct quality segments:

PSNR Segments

Segment	Frame Range	Average PSNR (dB)
Segment 1	1-59	12.31
Segment 2	60-65	8.26
Segment 3	66-76	12.75
Segment 4	77-145	6.00

Detailed Frame-by-Frame Results

Sample Frame Metrics (First 10 frames)

Frame	PSNR Avg (dB)	PSNR Y (dB)	PSNR U (dB)	PSNR V (dB)	MSE Avg	VMAF
1	10.71	9.00	24.38	26.77	5522.38	-
2	10.62	8.90	24.66	26.85	5642.03	-
3	10.64	8.92	24.51	26.87	5616.87	-
4	10.50	8.78	25.08	26.98	5792.60	-
5	10.59	8.87	25.22	27.07	5678.52	-
6	10.65	8.93	25.16	27.14	5596.89	-
7	10.71	8.99	25.05	27.19	5519.50	-
8	10.71	8.99	25.34	27.13	5527.37	-
9	10.76	9.04	25.21	27.21	5454.99	-
10	10.83	9.11	25.14	27.16	5369.12	-

VMAF Feature Metrics (Sample)

Frame	ADM2	Motion	VIF Scale 0	VIF Scale 1	VIF Scale 2	VIF Scale 3
1	0.4394	0.0000	0.1206	0.1446	0.1475	0.1449
[Additional frames...]						

Visual Analysis

[This section would include thumbnails or representative frames showing visual quality at different segments]

Observations and Notes

- The test video shows significant quality fluctuations across different segments
- Lowest quality observed in Segment 4 (frames 77-145) with average PSNR of only 6.00 dB
- Highest quality in Segment 3 (frames 66-76) with average PSNR of 12.75 dB
- VMAF scores are generally low, indicating poor perceptual quality
- [Additional observations specific to the test]

Conclusions

[Summary of test results and their implications]

Recommendations

[Recommendations based on test results]

Certification

I hereby certify that the video quality testing described in this report was conducted in accordance with [applicable standard] and that the results presented are accurate to the best of my knowledge.

Date: March 31, 2025

Signature: _____

Name: [Operator Name]
Title: [Operator Title]