

TABLE OF CONTENTS

	Page
1. INTRODUCTION AND OVERVIEW	1
1.1 Hardware and Operating System Requirements	2
1.2 Terms And Definitions	2
2. VIDEO QUALITY MEASUREMENT STEPS	4
2.1 Video File Format.....	4
2.2 Calibration	4
2.3 Quality Estimation	5
2.3.1 Considerations for Long Video Sequences.....	6
3. CONTROL FILE OPTIONS.....	6
4. CONTROL FILE EXAMPLES.....	12
4.1 Entire File Unparsed, Automatic Calibration	12
4.2 Running Parsing, Abutted Segments, Automatic Calibration.....	13
4.3 SIF, Split Parsed, Abutted Segments, Automatic Calibration	14
4.4 SIF, Split Parsed, 15 Frames Per Second, Maximal Content Segments, Values Calibration	15
5. VQM PROGRAM OUTPUT	16
5.1 Begin File.....	16
5.2 Log File.....	16
5.3 Time History File.....	17
5.4 Fatal Control File	17
5.5 Calibration Warnings File.....	17
6. INTERPRETING RESULTS	17
6.1 Calibration	17
6.1.1 Spatial Registration.....	17
6.1.2 Temporal Registration	18
6.2 Video Model	18
7. REFERENCES.....	19
APPENDIX: MATLAB PROGRAMS FOR READING AND DISPLAYING BIG YUV FILES	21