## ISO 19264-1:2021 (E)

Photography — Archiving systems — Imaging systems quality analysis — Part 1: Reflective originals

## **Contents**

		Foreword	
		Introduction	
1		Scope	
2		Normative references	
3		Terms and definitions	
4		System setup and calibration	
	4.1	General	
	4.2	System configuration	
	4.3	Camera/scanner settings	
	4.4	Exposure	
	4.5	White balancing	
	4.6	ICC Profiling	
	4.7	Focusing	
	4.8	Colour encoding	
	4.9	Reproduction scale	
5		Imaging system quality analysis procedure	
6		Imaging systems quality characteristics and metrics	
	6.1	General	
	6.2	Tones and noise	
	6.3	Colour	
	6.4	Details	
	6.5	Geometry	
7		Reporting results	
	7.1	General	
	7.2	Example report for tone reproduction results	
	7.3	Gain modulation	
	7.4	Dynamic range	
	7.5	Noise	
	7.6	Banding	
	7.7	Defect pixels	
	7.8	White balance	
	7.9	Colour reproduction	
	7.10		
	7.11	- I J	
	7.12		
	7.13		
	7.14	9	
	7.15		
	7.16	5	
	7.17	•	
	7.18		
	7.19	Reproduction scale	

Annex A (normative) Test chart requirements

## Annex B (informative) Guidelines for imaging performance aims and tolerances

## Annex C (informative) Example of multi-pattern chart: Universal Test Target (UTT)

C.1 Overview C.2 **Chart features** C.3 Scalability Tolerances C.4 Surrounding black line C.5 Background checkerboard C.6 Grey scale pattern C.7 C.8 Scales C.9 **Grey scales** Colour patches Slanted edges C.10 C.11 Visual resolution structures C.12 C.13 Additional chart border C.14 Labelling patch (for sponsor logo, provider information etc.) C.15 Serialization C.16 Space for optional test pattern C.17 Representation of the target

Chart definition of the ISO 19264 test chart

C.18

Page count: 51