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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 20493.3-2018

**Electronic imaging -- Test target for scanning of office
documents -- Part 3: Test target for use in lower resolution
applications**

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Foreword

GB/T 20493 is divided into 3 parts.

---Electronic imaging office document black and white scanning test target Part 1. Features;

---Electronic imaging office document black and white scanning test target part 2. use method;

---Electronic imaging office document scanning test target Part 3. Lower resolution application test target.

This part is the third part of GB/T 20493.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the translation method equivalent to ISO 12653-3:2014 "Electronic imaging office document scanning test target Part 3.

Lower resolution application test target.

The documents of our country that have a consistent correspondence with the international documents referenced in this part are as follows.

--- GB/T 12823.4-2008 Photometric density measurement - Part 4. Geometric conditions for reflection density (ISO 5-4:1995,

IDT).

Introduction

This part of GB/T 20493 describes the evaluation procedure for an office document scanning system set to scan files below 300 dpi.

The system can be used to scan in black and white, grayscale or color.

Test patterns and targets for microfilming and faxing already exist, but these test patterns

and targets are used in specific areas and cannot be satisfied

File scanning system users need.

GB/T 20493.1 specifies test targets for general scanning systems that can be used to evaluate their performance and determine systemcity.

The limit of energy. The use of the target is specified in GB/T 20493.2.

Electronic imaging office document scanning test target

Part 3. Lower resolution application test target

1 Scope

This part of GB/T 20493 specifies a test target for evaluating lower resolution reflective scanning systems over time.

Whether to maintain consistent output quality.

This section applies to the evaluation of the output quality of black and white, color scanners that scan black and white, color office documents with or without halftones.

This section does not apply to scanners that scan transparent or translucent documents.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 6161-2008 Description and application of the ISO 2 resolution test chart for microfilming technology (ISO 3334.2006,

IDT)

GB/T 18405-2008 Characteristics of microfilming ISO characters and ISO 1 test charts and their use (ISO 446.

2004, IDT)

GB/T 20225.1-2017 Vocabulary of electronic document management - Part 1. Imaging of electronic documents (ISO 12651-1.2012, IDT)

GB/T 20493.1-2006 Test documentation for black and white scanning of electronic imaging office documents - Part 1. Characteristics (ISO 12653-1.

2000, IDT)

GB/T 20493.2-2006 Test documents for black and white scanning of electronic imaging office documents - Part 2

(ISO 12653-2:2000, IDT)

Photographic density measurement - Part 4. Reflection density geometry (Photography and graphic

technology-Density measurements-Part 4. Geometric conditions for reflection density)

3 Terms and definitions

The following terms and definitions as defined in GB/T 20225.1-2017 apply to this document.

3.1

Test element test element

The pattern given on the label.

Examples. millimeter ruler, grayscale spectrum, circle.

3.2

Continuous tone continuous tone

The hue changes in the document expressed in different density regions.

3.3

Lower resolution application lower resolution application

A scanning system configured to scan at a resolution of less than 300 dpi.