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ICS 19.040
CCS K 04

NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 2424.27-2013

Environmental testing -- Supporting documentation and guidance -- Calculation of uncertainty of conditions in climatic test chambers

环境试验 支持文件和指南 温湿度试验箱不确定度计算

(English Translation)

Issued on: November 12, 2013 **Implemented on: March 7, 2014**

Issued by: Standardization Administration of China

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https://chinastandards.org/standards/gb-t-2424-27-2013

1 Foreword

GB/T 2424.27-2013 was issued by Standardization Administration of China on 12 November 2013 and has been in force since 7 March 2014.

It is one of 13 parts of the GB/T 2424 series.

2 Scope

This standard specifies: how to estimate the temperature and humidity chamber steady temperature and humidity Uncertainty examples. Since the measurement method is closely related to uncertainty, therefore also described. This standard is also applicable

3 About this standard

Issued by: Standardization Administration of China

Adopted international standard: IEC 60068-3-11-2007; IDT

English translation: about 21 pages

Chinese original: about 26,295 characters

4 Related standards

Other parts of this standard:

GB/T 2424.1-2015 - Environmental testing -- Part 3: Supporting documentation and guidance -- Cold and dry heat tests

GB/T 2424.2-2005 - Environment tests for electric and electronic products -- Guidance for damp heat tests

GB/T 2424.5-2021 - Environmental testing - Part 3: Supporting documentation and guidance - Confirmation of the performance of temperature chambers

GB/T 2424.6-2021 - Environmental testing - Part 3: Supporting documentation and guidance - Confirmation of the performance of temperature/humidity chambers

GB/T 2424.7-2024 - Environmental testing - Part 3: Supporting documentation and guidance - Measurements in temperature chambers for tests A (Cold) and B (Dry heat) (with load)

GB/T 2424.10-2012 - Environmental testing - General guidance of accelerated testing for atmospheric corrosion

GB/T 2424.11-2013 - Environmental testing -- Part 2: Test methods -- Guidance to test Kc:

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Sulphur dioxide test for contacts and connections

GB/T 2424.12-2014 - Environmental testing -- Part 2: Test methods -- Guidance to test Kd: Hydrogen sulphide test for contacts and connections

GB/T 2424.15-2008 - Environmental testing -- Guide for combined temperature/low air pressure tests

GB/T 2424.17-2008 - Environmental testing -- Part 2: Tests methods guidance on -- Test T: Soldering Test

GB/T 2424.25-2024 - Environmental testing - Part 3: Test guidance - Seismic test methods

GB/T 2424.26-2008 - Selecting amongst vibration tests

5 Classification and status

International classification (ICS): 19.040

Chinese Standard Classification (CCS): K 04

Prefix GB/T: recommended standard.

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