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

GB/T 2423.57-2008

**Environmental testing for electric and electronic products - Part
2: Tests - Test Ei: Shock - Shock response spectrum synthesis
(English Translation)**

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1 Scope

This part of GB/T 2423 specifies tests using a synthesized shock response spectrum (SRS). It is intended for general application to specimens when simulation of transient excitation of a complex nature is required.

2 Normative references

The terms in the following documents become the terms of this Part by reference to this part of GB/T 2423. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this Part. However, parties to agreements that are based on this Part are encouraged to study whether the latest versions of these documents

can be used. For undated references, the latest edition applies to this Part.

GB/T 2421-1999, Environmental testing for electric and electronic products - Part 1:

General and guidance (idt IEC 60068-1:1988)

GB/T 2423.10-2008, Environmental testing for electric and electronic products -

Part 2: Tests methods - Test Fc: Vibration (sinusoidal) (IEC 60068-2-6:1995, IDT)

GB/T 2423.5-1995, Environmental testing for electric and electronic products - Part

2: Test methods - Test Ea and guidance: Shock (idt IEC 60068-2-27:1987)

GB/T 2423.43-2008, Environmental testing for electric and electronic products -

Part 2: Test methods - Mounting of specimens for vibration impact and similar dynamic tests (IEC 60068-2-47:1999, IDT)

GB/T 2423.56-2006, Environmental testing for electric and electronic products -

Part 2: Test methods - Test Fh: Vibration, broad-band random (digital control) and guidance (IEC 60068-2-64:1993, IDT)

IEC 60068-2-57:1999, Environmental testing - Part 2: Tests - Test Ff: Vibration -

Time-history method

ISO 266:1997, Acoustics - Preferred frequencies

ISO2041:1990, Vibration and shock - Vocabulary

GB/T 2423.55-2023 | GB/T 2423.56-2023 | GB/T 2423.59-2008 | GB/T 2423.66-2025 |