

ICS 33.160.01
CCS M74

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

SN/T 1603.6-2012

**Rules for the inspection of audio, video and similar electronic
apparatus for import and export. Part 6: Energy efficiency for
set-top boxes**

(English Translation)

Issued on: May 7, 2012

Implemented on: November 16, 2012

Issued by: General Administration of Customs

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Foreword

SN/T 1603 "Importers audio, video and similar electronic equipment for the inspection" consists of several parts, published SN/T 1603 standard series Quasi as follows.

- Part 1. General requirements;
- Part 2. Plasma televisions and projection televisions;
- Part 3. video game consoles and audio-video teaching equipment;
- Part 4. Particular requirements for the DVD player;
- Part 5. LCD TV;
- Part 6. STB energy efficiency.

This section SN/T 1603 Part 6.

This section drafted in accordance with GB/T 1.1-2009 given rules.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 1603 provisions of this part of the set-top box energy efficiency of import and export requirements, and test results to determine.

This section applies to the grid power supply, rated voltage not exceeding 250V and export STB energy efficiency test.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 25957-2010 digital television receiver (set top box) energy efficiency limit value and energy efficiency rating the basic provisions of SN/T 0002-2004 Electromechanical Import and Export Commodity Inspection procedures prepared SN/T 1603.1-2005 import and export audio, video and similar electronic equipment testing procedures - Part 1. General requirements Methods of measurement EN62087 audio and video equipment similar machine power (Methodsofmeasurementforthepowercon-sumptionofaudio, videoandrelatedequipment) Energy Star Program Requirements - eligibility criteria set-top box (Version 3.0) (ENERGYSTAR (R) ProgramRequirementsfor Set-topBoxesEligibilityCriteria (Version3.0)) Energy Star Program Requirements - eligibility criteria set-top box (version 4.0) (ENERGYSTAR (R) ProgramRequirementsfor Set-topBoxesEligibilityCriteria (Version4.0)) Energy Star Program set-top box product specifications - test methods (ENERGYSTAR (R) ProgramRequirements ProductSpecificationforSet-topBoxesTestMethod) European Commission (EC) Regulation No. 107/2009 for the implementation of the European Parliament and of the Council 2005/32/EC Directive on Simple Eco-design requirements for single set-top box (CommissionRegulation (EC) No107/2009 implementingDirective2005 /32/ECoftheEuropeanParliamentandoftheCouncilwithregardtoecodesignrequirementsforsim-pleset-topboxes) Improve the Community voluntary energy complex set-top boxes Industrial Protocol (VoluntaryIndustryAgreementtoimprovethethe energyconsumptionofComplexSetTopBoxeswithintheEuropeanCommunity)

3 Terms and Definitions

SN/T 0002-2004 and SN/T 1603.1-2005 defined and the following terms and definitions apply to this document.

Compliance Verification mode modeofcomplianceverification According to the mandatory requirements of national technical specifications, inspection certificate and inspection documents, goods are consistent with the random testing can be carried out when necessary, and real Shi supervision of the conformity assessment procedures.

NOTE: rewrite SN/T 1603.1-2005, the definition of 3.3.