

ANSI/CEA Standard

Determination of Television Average Power Consumption

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(Formulated under the cognizance of the CEA's **R4 Video Systems Committee.**)

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FOREWORD

This standard was developed under the auspices of the Consumer Electronics Association (CEA) R4 Video Systems Committee.

CONTENTS

1 Scope	3
2 References	3
2.1 Normative References	3
2.1.1 Normative Reference List	3
2.1.2 Normative Reference Acquisition	3
2.2 Informative References	3
2.2.1 Informative Reference List.....	3
2.2.2 Informative Reference Acquisition	3
2.3 Definitions	3
2.4 Symbols and Abbreviations	4
2.5 Compliance Notation	4
3 Modes of Operation	4
3.1 Sleep Mode:	4
3.2 On Mode Power:	4
3.3 Disconnected:	4
4 Power Measurement	4
4.1 General Measurement Conditions:	4
4.2 Measurement Instrument	4
4.3 Measurement Accuracy	5
4.4 Measurement Procedure	5
4.4.1 Settings.....	5
4.4.2 Sleep Mode Power	5
4.4.3 On Mode Power.....	5
4.4.3.1 Televisions without Automatic Brightness Control enabled by default	6
4.4.3.2 Televisions with Automatic Brightness Control enabled by default.....	6

Determination of Television Average Power Consumption

1 Scope

This standard defines a method for measuring television average power consumption.

2 References

2.1 Normative References

The following standards contain provisions that, through reference in this text, constitute normative provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed here.

2.1.1 Normative Reference List

- IEC 62087 Ed. 2.0, "Methods of measurement for the power consumption of audio, video and related equipment"
- IEC 62301 Ed. 1.0, "Household electrical appliances - Measurement of standby power"

2.1.2 Normative Reference Acquisition

IEC Standards:

- Global Engineering Documents, World Headquarters, 15 Inverness Way East, Englewood, CO USA 80112-5776; Phone 800-854-7179; Fax 303-397-2740; Internet <http://global.ihs.com>; Email global@ihs.com
- IEC Central Office, 3, rue de Varembe, PO Box 131, CH-1211 Geneva 20, Switzerland; Phone +41 22 919 02 11; Fax +41 22 919 03 00; Internet <http://www.iec.ch>; Email pubinfor@iec.ch

2.2 Informative References

The following standards contain provisions that, through reference in this text, constitute informative provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed here.

2.2.1 Informative Reference List

- ENERGY STAR® Program Requirements for Televisions, Eligibility Criteria (Version 3.0)

2.2.2 Informative Reference Acquisition

EPA ENERGY STAR® Specifications:

- <http://www.energystar.gov>

2.3 Definitions

Television (TV)

A commercially available electronic product designed primarily for the display and reception of audiovisual signals from terrestrial, cable, satellite, Internet Protocol TV (IPTV), or other transmission of analog and/or digital signals, consisting of a tuner/receiver and a display encased in a single housing. The product usually relies upon a cathode-ray tube (CRT), liquid crystal display (LCD), plasma display, or other display device.