ANSI/CTA Standard

Digital STB Background Power Consumption

ANSI/CTA-2013-A

(Formerly ANSI/CEA-2013-A)

July 2007

This standard was withdrawn by CEA's Video Systems Committee (R4) on January 10, 2014

Consumer Technology Association™

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(Formulated under the cognizance of the CTA **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.

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Digital STB Background Power Consumption

1 Scope

CEA-2013-A defines maximum background mode (SLEEP state) energy consumption of basic digital set top boxes (STBs), whose primary function is video reception and delivery. SLEEP state energy consumption is important since Digital STBs spend large amounts of time in this state when consumers are not watching television. CEA-2013-A also provides a detailed SLEEP state power measurement specification and procedure, which is included in Annex A. CEA-2013-A Annex A can be used as the test method for specifying SLEEP state power of any STB, including types with advanced features. Measurement methods defined in CEA-2013-A are applicable to both basic and advanced STB types.

2 References

2.1 Informative Reference List

1394 Trade Association Document 2001012, AV/C Digital Interface Command Set General Specification Version 4.1, December 11, 2001

ANSI/SCTE 28 2004, Host-POD Interface Standard

ANSI/SCTE 55-1, (formerly DVS 178) Digital Broadband Delivery System: Out Of Band Transport Part 1: Mode A

ANSI/SCTE 55-2, (formerly DVS 167) Digital Broadband Delivery System: Out Of Band Transport Part 2: Mode B

ATSC/A65C. Program and System Information Protocol for Terrestrial Broadcast and Cable, Revision C, with Amendment No. 1, May 9, 2006

CEA-931-B, Remote Control Command Pass-Through Standard for Home Networking, September 2003

ISO/IEC 7816-12 (2005-10), Identification cards – integrated circuit cards – Part 12: Cards with contacts – USB electrical interface and operating procedures

2.2 Informative Reference Acquisition

1394 Trade Association Documents:

- 1394 Trade Association, Regency Plaza, Suite 350, 2350 Mission College Blvd. Santa Clara, CA 95054; Phone 408-982-8289; Fax 408-982-8288; Internet http://www.1394ta.org

ANSI/SCTE Standards:

- Society of Cable Telecommunications Engineers (SCTE), 140 Philips Road, Exton PA 19341; Phone 800-542-5040; Fax 610-363-5898; Internet http://www.scte.org; Email info@scte.org

ATSC Standards:

- Advanced Television Systems Committee (ATSC), 1750 K Street N.W., Suite 1200, Washington, DC 20006; Phone 202-872-9160; Fax 202-872-9161; Internet http://www.atsc.org/stan&rps.html

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