



Industry Standards for Set-top Boxes

Definitions and Test Methodologies

CEA-2013-A: Digital STB Background Power Consumption

CEA-2013 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 also provides a detailed SLEEP state power measurement specification and procedure, which is included in Annex A.

CEA-2013 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 are applicable to both basic and advanced STB types.

For more information, including a preview of the standard, please see http://www.ce.org/Standards/browseByCommittee_2785.asp.

CEA-2022: Digital STB Active Power Consumption Measurement

CEA-2022 defines a method for measuring power consumption of a digital set top box (STB) whose primary function is video reception and delivery when operating in an active (ON) state.

For more information, including a preview of the standard, please see http://www.ce.org/Standards/browseByCommittee_3373.asp.