

ENERGY STAR® Digital-to-Analog Converter Boxes (DTAs) Draft 1 Specification Comment Summary
December 18, 2006

This document is intended to summarize comments submitted by stakeholders in response to the Draft 1 ENERGY STAR DTA specification, and also includes an EPA response to each comment.

Topic	Comment	EPA Response
Modal Definitions	The definitions should be aligned with those used in the European Code of Conduct on Energy Efficiency for Digital TV Service Systems.	EPA recognizes that with other ENERGY STAR electronics specifications, harmonization with international country partners is crucial to ensure that stakeholders have similar requirements for their products, regardless of where they are being sold. However, given the somewhat unique nature of DTAs and the fact these products are specific to an individual region's existing broadcasting network, EPA continues to reference the CEA definitions in this specification. Stakeholders should note that development of all other electronics specifications will follow the more traditional path of harmonization with international country partners, both in test procedures and levels, as feasible.
	"Principal" and "secondary" functions of DTAs should be clarified.	EPA believes it is important to align its modal definitions as closely as possible with those used in CEA-2022: Digital STB Active Power Consumption Measurement and CEA-2013-A: Digital STB Background Power Consumption, to avoid potential stakeholder confusion, as these are the test procedures stakeholders will be using to determine whether their DTA models meet ENERGY STAR requirements. Further, EPA believes that the test procedures provide manufacturers with adequate explanation regarding the intended principal and secondary functions of DTAs for testing and qualification purposes.
	The commentor favors definitions for "On," "Sleep," and "Off" modes that are consistent with industry standards CEA-2022 and CEA-2013-A for the reasons noted in the Draft 1 ENERGY STAR DTA specification.	EPA sees referencing definitions associated with the required test procedure as most useful to interested parties.
Efficiency Requirements	Numerous stakeholders expressed support for the efficiency requirements proposed in the Draft 1 specification.	EPA has included the previously proposed efficiency requirements in this Draft Final ENERGY STAR DTA specification.
Test Procedures	Multiple stakeholders expressed support for EPA's intent to coordinate with industry and use CEA's test procedures in the ENERGY STAR DTA specification.	EPA has included the previously proposed test procedures in the Draft Final ENERGY STAR DTA specification.
	Two stakeholders commented that they had an interest in engaging with EPA on how Electronic Program Guides (EPGs) should be measured under the ENERGY STAR DTA specification.	EPA also looks forward to engaging with interested stakeholders to resolve this issue.
Future Specification Revisions	One stakeholder requested that EPA reevaluate its requirements for DTAs once the market is more developed and more data is available on the power consumption of DTAs.	EPA will monitor the market closely as the February 17, 2009 cut-off date for analog broadcasting nears, and DTAs become more readily available in the U.S. However, EPA realizes that based on product design pipelines and the likely relatively short window for sales in the U.S., there may not be time for multiple versions of an ENERGY STAR specification for these products.