

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

December 2, 2015

Dear Set-top Box Equipment Manufacturer, Service Provider or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) welcome your feedback on this ENERGY STAR Draft 1 Test Method for Set-top Boxes (STBs). While the test method included in the Version 4.1 specification aligned with CEA-2043, the test method used as part of the US Industry Voluntary Agreement for Ongoing Improvement to the Energy Efficiency of Set-top Boxes (VA), DOE and EPA have identified additional areas for clarifications in this Draft 1 test method to help ensure further harmonization between the ENERGY STAR and Voluntary Agreement test methods. A brief summary of the key elements of this Draft 1 test method are highlighted below.

Dc Powered STBs: In the Draft 1 V. 5.0 ENERGY STAR Specification for Set-top Boxes released on November 16, 2015, EPA included requirements to permit testing and qualification of dc powered STBs. DOE has included instructions for testing dc powered STBs in the test method. These requirements are similar to those specified for testing dc powered displays in the ENERGY STAR Displays Test Method.


Testing with Multiple Streams over Home Network Interface (HNI): To harmonize with the VA, DOE has included the requirement for testing over HNI when multiple streams are needed for testing. DOE has requested comment on whether this setup is implemented commonly in the field.

Multi-room STB Test Requirements: DOE has clarified the test setup and test conduct requirements for multi-room STBs in on and sleep modes and requested comment on the test conduct for the client-only incentive test.

The webinar planned for **December 9 from 12:00-2:00pm Eastern Time** will enable discussion on this test method as well as the specification. Please [RSVP](#) by **December 7**. Please share comments on **this Draft 1** with stbs@energystar.gov by **December 18, 2015**.

EPA and DOE look forward to working with you to refine this ENERGY STAR STB test method. Please direct any test method specific questions to Jeremy Domm, DOE, at jeremy.domm@ee.doe.gov or 202-586-9870.

Kind regards,

A handwritten signature in cursive script that reads "Katharine Kaplan".

Katharine Kaplan
Manager, ENERGY STAR Product Development and Program Administration