

Hello, Some comments for you:

-I agree with the Wireless testing proposal to specify minimum system components to be used by the laboratory to replicate a typical setup and to prioritize wireless connections over wired in products that support wireless

-Regarding the comment: Should the test method be updated to include testing for Dc-powered products? How do you define a dc powered product? Is this USB powered or EPS powered?

-Regarding Multi-room speakers or whole-home audio products + audio routers: I would suggest that power draw of components in the system that are covered by other ENERGY STAR product specs need not be considered in the A/V spec

-Regarding the comment: Should EPA continue to require that all available network protocols be engaged during testing or include a list of preferences like in the above language?

I believe that the test method should be simplified and that a list of prioritized protocols be provided in the spec.

-Regarding the alternative amp efficiency testing that EPA is considering with the use of a reference speaker as a load as follows:

Playing a standardized reference signal through the amplifier and steadily increasing the volume until particular target decibel levels are achieved that reflect assumed maximum listening volumes among end users and using plausible levels of perhaps 85 to 95 decibels.

This method may cause a considerable difference in the output power operating range of the amplifiers being tested to the spec. Lower output amps will be running at near max output while high power amps will be running at lower levels. This will cause different amps to operate in ranges that may not be as efficient, relatively speaking. If this method is ultimately used, perhaps the output dB level for the test should be based on the rated output power of the amp.