

July 27, 2017

Japan Electronics and Information Technology Industries Association
(JEITA)

Audio-visual Network Committee

To: Energy Star

Re: Comments on Version 4.0 Audio Video Discussion Document Webinar

JEITA would like to request reexamination of “Version 4.0 Audio Video Discussion Document Webinar”.

- Comment

- Amplifier Testing -Load

- An LR (inductive-resistive) circuit will be difficult measurement for the power consumption on the load.
 - An equivalent circuit of loud speaker is not same as only L+R.

- Amplifier Testing – Load Proposal

- An anechoic chamber is necessary to measure by a loud speaker as the load.
 - Measurement method of power consumption on loud speaker is difficult.
(The impedance of loud speaker is not constant by frequency.)
 - The choice of the loud speaker with the same ability is really difficult.

- Proposed change

- JEITA proposes the measurement method which uses only resistor as the load.