

**Comments of ENERGY STAR
Audio/Video: Draft 1 Version
2.0 Specification**

Jun.19.2009

JEITA

Audio Networks Committee
AV Storage Networks Committee

Comments from JEITA

- The situation: The JEITA member companies have tried to gather our test data. However, no measured data were received from the JEITA member companies by next reason.
- The reason: There are some unclear procedures and problems in the measuring methods.
 - Refer to the next page.
- JEITA has the will to cooperate with you in this standard setting. We hope to have discussion on our comments with you and would like you to reconsider your implementation schedule. We need more time to study the test procedure.

Comments on “Version 2.0 DRAFT 1”.

- Auto Power Down(109).
It is foreseeable that there will occur many problems in each product category from our discussion. JEITA members need more time to study the test condition.
 - Details of the audio measurement condition are not clear.
(example; The maximum output value will change according to fluctuation of the pre heating condition and the load resistance etc.)
 - Product Function(170,262)ON Mode Power consumption for HTIB integrated DVD(BD).
The measuring method is not clear. (“Table2:On Mode Power Allowance” (266) separately measures the video and the sound, and there is no condition of measuring it simultaneously.)
 - On mode Power Allowance(262)
There is no measurement condition of a multichannel amplifier for the AV amplifier. ON Mode Power consumption cannot be measured.
 - Source Signals (370) (532)
The measurement of Pink Noise signal is a problem. The test signal to which the result changes by the crest factor is not appropriate. The output changes by a different crest factor. The distortion of 1% cannot be measured with Pink Noise.
 - Measurement of amplifier (527)
There is no definition to calculate efficiency.
- @ On Mode Power Allowance(262)(520)
JEITA member company is interested in your “ Active Mode Test ” for an audio amplifier.
We want to know the reason of the audio output power for the measuring.
We think the sound of test procedure will be too big loudness in the normal operation.

Comments on “Version 2.0 DRAFT 1”.

- Video Sources(373)

Video signals "Reference Channel A,B,C" are required. However we think it is not enough to get stable measurement data.

Because measured power consumption are depend on detail of signal condition (e.g. resolution, aspect ratio, type of moving picture) .

If possible ,we recommend to prepare test stream to generate same and stable signal condition.

- Video Playback Test(499)

Playback condition of Removable media's content are required as equivalent to Reference Channel A,B,C.

We think it is necessary to define more detail condition, or use reference test disk for measurement, because of same reason of above mentioned item of "Video Sources(373)".

In addition, it is better to define playback area in case of Disc media, because power consumption are also depend on playback area .

Normally Playback at outer area of Disc show larger power consumption. In case of Japanese "Top runner", we define that playback at 24mm-27.5mm area from center should be used.