

“Comments of ENERGYSTAR Ver.2.0 Draft1”

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Pioneer Corporation

*Auto Power Down (line_109).

It is forecast that there are many problems to each product category depending on our discussion. We need more time to our studying for the test condition.

“Example; Regarding AV Receiver, the condition of transferring to sleep mode is not clear”

*Details of the audio measurement condition are not clear for us.

“Example; The maximum output value will change according to regulations of the pre heating condition and the load resistance etc.”

“Example; Quoted from IEC standards

*Product Function (107,262) 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 multi-channel amplifier for the AV amplifier. ON Mode Power consumption cannot be measured.

*Source Signals (370) (532)

The measurement by use of the Pink Noise signal is not general. The distortion of 1% cannot be measured with Pink Noise.

*Video Sources (373)

Many contents exist as live sources. Therefore power consumptions when recording or playing vary.

*Live Video Recording Test (475)

DVR with HDD has some recording modes. Power consumptions of each recording modes are different.

According to each kinds of recording disc (Blue-ray, DVD, and 1 layer ,2 layer) power consumptions are different too.

*Measurement of amplifier (527)

There is no definition that calculates efficiency.

@ On Mode Power Allowance (262)

The value of the amplifier output is not only a purpose to obtain the acoustic pressure.

The maximum output of the amplifier shall be applied to the sound quality. An enough discussion is necessary for the energy efficiency standard of the amplifier.

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