

JEITA's Comments and Questions on
DRAFT FINAL Version 5.0 ENERGY STAR Displays Specification

We appreciate the opportunity to comment on the DRAFT FINAL Version 5.0 ENERGY STAR Displays specification. After reviewing the Draft, the members of JEITA have the following comments and questions. Thank you for taking the time to consider our comments and respond to our questions.

(1) Note on Page 6 — Maximum viewable diagonal screen sizes for eligible products

The Draft sets the maximum viewable diagonal screen size at 84 inches. We believe, however, that no maximum screen size should be specified because the screen sizes of professional signage are increasing every year.

(2) Note on Page 6 — Products with a tuner

In Japan, products cannot apply for Energy Star as TVs. Therefore, from Tier 2 on, products with tuners would not be able to apply in Japan.

Consequently, we would like the Draft changed so that products with tuners can continue to apply as display monitors as before even after Tier 2 is introduced.

(3) Luminance Test Patterns and Procedures, Annex 1 (Page 3)

We believe that displays that cannot be set to the luminance values specified in Table 4 should be tested at the display's maximum luminance. Thus, we feel the following paragraph should be added to this item in the same way as the Version 4.1 specification.

[If the computer monitor's maximum luminance is less than the luminance value specified in Table 4 (e.g., 150 candelas per square meter), then the technician shall use the maximum luminance (e.g., 150) and report the value to EPA with other required testing documentation. Similarly, if the computer monitor's minimum luminance is greater than the luminance value specified in Table 4 (e.g., 400 candelas per square meter), then technician shall use the minimum luminance (e.g., 400) and report the value to EPA.]

(4) 6) Effective date Transition time prior to the revised specification taking effect (nine months)

We would like the transition time set to one year (April 1, 2010). Otherwise, we would like the effective date to be Friday Jan. 1, 2010. In general, setting effective dates to the first day of a month is easier for manufacturers to control the production than other dates.

Question

(5) Note on Page 8 — Tier 2 On Mode requirements

When will the maximum On Mode power consumption levels be decided?

(6) Displays with Automatic Brightness Control, Page 8, Annex 1 (Page 4) and Annex 2 (Page 2)

Your calculation for the power consumption value of displays equipped with automatic brightness control assumes operation at an ambient light level of 300 lux for 80% of the time and at an ambient light level of 0 lux for 20% of the time. What is the rationale or basis for this calculation? Furthermore, why did you select 300 lux and 0 lux for the ambient light level conditions?

(7) Page 14 — Effective date

Can the Version 5.0 specification be applied after the final version is issued (Jan. 30, 2009)?