

Comment from METI on  
ENERGY STAR® Display Specification V5.0 Final Draft

1. Off Mode Definition (page5 of Specification)

- The second characteristic of displays in Off Mode that is described as being “engaged by a power switch” is not clear and may not describe Off Mode well. Please rephrase it with other words for clarification.

2. Qualification of Display with TV Tuner (page 6 of Specification)

- Since the differences between TVs and displays are becoming smaller, it is suggested to develop a comprehensive specification dealing both displays and TVs, such as Imaging Equipment Specification, instead of implementing Display Specification Ver5.0 Tier2 in 2011.

3. EPS Requirement (page 6 of Specification)

- Test voltage for EPS shall be the same one for Displays which the EPS will be used with.

4. Display with Multiple Sleep Modes (page2,4,5 of Annex1)

- According to the third step of Sleep Mode test method, the true average of all Sleep Modes shall be used for qualification if displays have automatically cycled Sleep Modes. In some cases, although some of these auto-cycled Sleep Modes exceed Sleep Mode criteria, the display model still qualify as ENERGY STAR with the true average. Does it have a consistency with Sleep Mode requirement (page 8 of Specification) that displays with multiple Sleep Modes are required to meet the criteria in all of the modes?

5. Luminance Setting for Testing Display (page 2 and 3 of Annex1 )

- Displays are required to be tested with specified luminance settings. However, there may be some products which are not capable to achieve the provided luminance level. In Version 4.1, how to address such products is provided under Item F on Page 9. In short, the maximum luminance of a model is below the provided level, then the maximum luminance shall be used for testing; the minimum luminance of a model is over the provided level, then the minimum luminance shall be used for testing. It is recommended including the same clause in Version 5.0.