

# Comments to EPA

The Interface between EPA Energy Star TV draft and 62087 Ed. 2

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Items 62087 has adopted from EPA

- Ambient temperature (4A) is 23C +/-5C.  
This is apparently from IEC 62301 Ed. 1.
- Should we adopt the meter and accuracy requirements? (4C, 4D – also from IEC 62301 Ed. 1) **MAYBE**

# Areas of common interest

- On (average) power measurement
  - Please specify  $P_{o\_broadcast}$  in subclause 11.6.1
- 3.A.2 Automatic Brightness Control
  - Please specify subclause 11.6.2  $P_{a1\_broadcast}$
  - Note that JEITA sets  $A_a$  (B3) as  $\frac{1}{4}$ . This considers both the percentage of time that the ambient light conditions are dark, as well as the likelihood that the feature is enabled.
- Additional functions
  - Note that we have added “11.4.5 additional functions” in the latest version.
- Schedule
  - The uncompressed version of the test signals will not be available until December or so. We will then author the final version of DVDs, HD DVDs and Blu-ray Discs. Formal publication might not occur until August, 2008, or later.
  - The various format discs might be available on different dates.
  - While IEC made a special allowance for EPA to acquire an early version of the test disc for development, IEC might not be willing to distribute the discs widely until final publication.
  - The project team will be working to streamline the release of the disc in conjunction with the IEC Central Office.

# Areas of common interest (cont.)

- Selection of signals 4E2a – We note that EPA does not clearly specify which input should be used. 62087 has left the question open so it can be set by regional agencies. If the tester may choose the inputs freely, it should be stated clearly.
- Accuracy of signals (4E2a) – note that an accurate disc player may be used – or a processing amplifier can be used in the path to calibrate the signals. The latest IEC draft adds new guidance.
- 4E2b – the current draft says not to use static signals. It would be more effective to positively assert that Po\_broadcast 11.6.1 be used.
- Factory default – 4E2d specifies that “special features” should not be disabled. This would penalize products with multiple functions or advanced features. If left on, some additional functions might be offered an additional power budget. This concerns TV/DVD, TV/VCR etc.