



Discussion Questions

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TV Monitors vs Computer Monitors



Draft 1 Proposal: To qualify as a TV monitor:

- Viewable (diagonal) screen size of greater than 19 inches
- Does not incorporate Display Power Management Signaling
- Intended to display a video signal from an external tuner or other video source
- Marketed and sold as a TV

Question for Industry:

- Does the Draft 1 specification provide clear differentiation for a TV monitor versus a computer monitor?
- Are there any specific dual function products being manufactured that would be ineligible for qualification under the Draft 1 specification?

On Mode Metric



Draft 1 Proposal: On Mode based on $Y = 0.245X + 11^*$,
taking screen area into consideration

- EPA will post watts/square inch for each qualified TV

Questions for Industry:

- Is this the appropriate metric for On Mode?
- Do stakeholders agree with the approach to normalize for screen size

*Y: average On Mode power consumption in watts, rounded to the nearest whole number

X: screen area of the product in square inches

On Mode Proposed Level

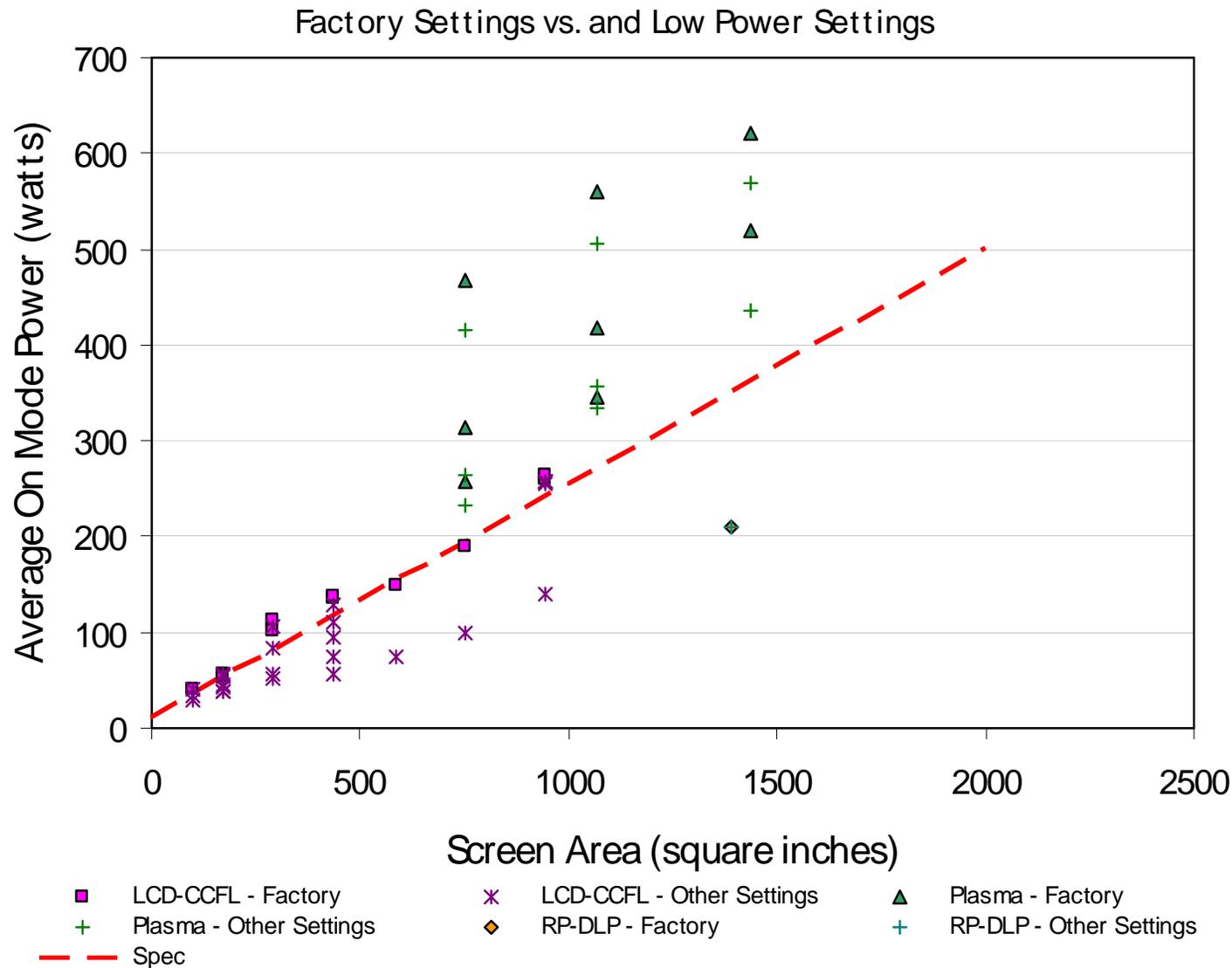


Draft 1 Proposal: On Mode based on data submitted to EPA, which was analyzed based on screen size/type

Questions for Industry:

- Are there other considerations to account for when analyzing the data, e.g., resolution?
- Are stakeholders able to contribute additional data to expand EPA's data-set?
 - If so, what is the timeline for providing the data?
- How can EPA ensure that this dataset is robust enough to represent current TVs sold in the market?
 - E.g., Some models shown are much larger than many models commonly sold today

Extending Energy Savings with Lower Power Settings



- Models in dataset measured at low power settings consume nearly 50% less power in some cases
- Proposal: spec should be redrawn with low power settings in mind

Download Acquisition Mode (DAM)



Draft 1 Proposal:

- DAM intended to cover downloading of channel listing information or communication with a connected device through a network protocol
- Products must use 4 watts or less while in DAM
- Products can be in DAM no longer than 1 hour in every 8 hours

Questions for Industry:

- Are stakeholders supportive of a specification for DAM?
- Are there additional functions that should be addressed by DAM?
- Are stakeholders in agreement with the proposed DAM requirements?

Inclusion of Off Mode



Draft 1 Proposal: There is considerable international interest in including a requirement for Off Mode in the Version 3.0 Specification

Question for Industry:

- Do any manufacturers currently incorporate Off Mode in any TV products sold in the U.S.?
- What changes would need to occur in order for products sold in the U.S. market to include an Off Mode?

User Information Requirement?



Draft 1 Proposal: Manufacturers will have to provide information on ENERGY STAR and the benefits of keeping the TV at its factory default settings that meet ENERGY STAR criteria in either a hard/electronic copy of the user manual or on a box insert

Questions for Industry:

- Are stakeholders in agreement with the User Information Requirement?

Or

- Would stakeholders prefer to test/qualify their products in the most consumptive Standby Mode?
- Additionally EPA has received comments that more consumptive features such as 'instant-on' not be accessible via the initial set-up menus
 - Should be additional 'clicks' away from the user

TV Specification Revision Timeline



June 2007

Draft 1 Version 3.0 specification distributed for comment

August 2007

- Deadline for additional TV data
- Draft 2 specification distributed

October 2007

- Draft Final specification distributed

December 2007

Final Version 3.0 specification distributed

July 2007

- EPA hosts TV stakeholder meeting
- Comments due on Draft 1 specification

September 2007

- Comments due on Draft 2 specification
- EPA hosts TV stakeholder meeting (if needed)

November 2007

Comments due on Draft Final specification

September 2008

New specification takes effect

Thank You



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