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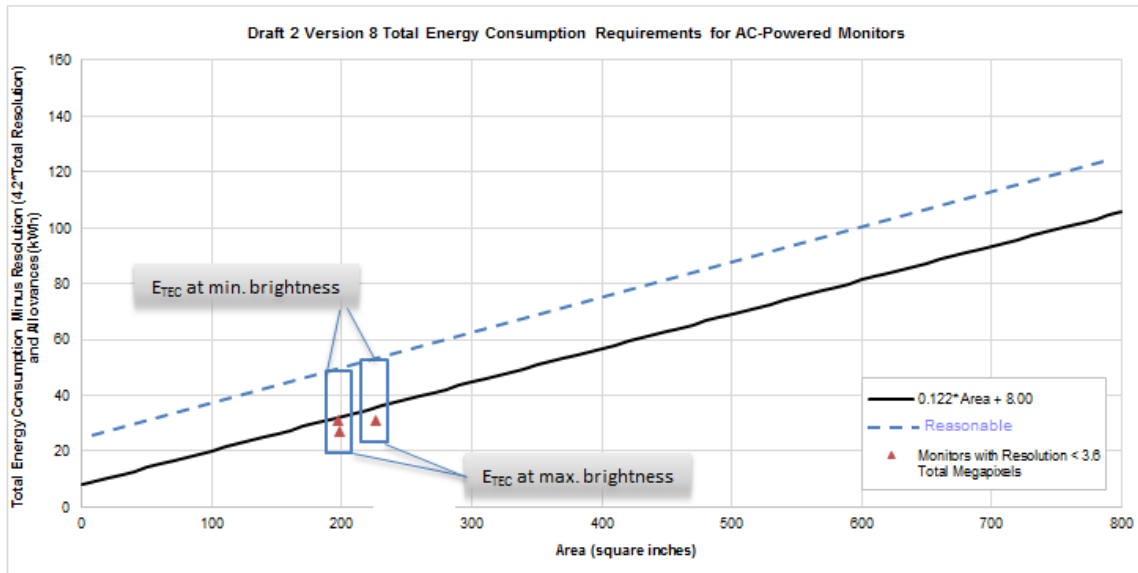
Displays@energystar.gov

BOE appreciate the opportunity to submit comments to EPA on its Draft 2 Version 8.0 ENERGY STAR displays specification. From the dataset of Draft 2, we can see that about 27.4% products can meet the requirements of ES8.0 now. However, BOE tested several models of them which were using BOE's panel. We found that the power consumption of these products is higher than the value in EPA's dataset. Details are as follows.

EPA Draft 2 Data					BOE Data		
Model Name	Measured Total Energy Consumption at 230 Volts (kWh)	Maximum Measured Luminance (cd/m ²)	Draft 2 Monitor Equation 1 TEC Max (kWh)	ES 8.0 Judgment	E _{TEC} Evaluated by BOE	Maximum Measured Luminance (cd/m ²)	ES 8.0 Judgment
E2216H	38.03	286.9	41.0	Pass	49.48	234	Fail
E2318H	42.38	299.8	44.4	Pass	48.7	233	Fail
T22v-10	41.32	270	40.9	Pass	35.34	253	Fail

From the data in the table, EPA used higher brightness samples for ES8.0 test which lead to different judgment between EPA and BOE. All these models adopt BOE's panel and the module brightness specification is 250nit(typ)/200nit(min). Therefore, we believe that lots of models which can passed ES8.0 draft 2 could not 100% pass, because the data base of those models are not the max power consumption. So we sincerely hope that EPA could consider the impact of brightness fluctuations during the monitor production process, and suggest EPA to measure max power consumption samples of each model or find the max power consumption data each models from Brands.

We made a schematic diagram for your reference.



Thank you for your consideration of this feedback, and please do not hesitate to contact us if any question.

Best Regards.

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