1) Eligibility Criteria section 3.3.1 iv. reads:
Products that do not support Sleep Mode by default are only subject to the Display Sleep Mode requirement.
Would it make more sense if it reads "Products that do not support Sleep Mode or Sleep Mode by default are only subject to the Display Sleep Mode requirement." ?
I think it would clear it up for all scenarios.

2)
a) Test Method section 5.2: Does this really need to be applied for all of Section 6 tests in the Test Method applicable to Notebooks and Integrated Displays? I believe only the Short Idle test requires the Display to be on so would this set up of 5.2 make any difference to the power consumption for Off, Sleep, and Long Idle ?

b) If 5.2 is not needed for Off, Sleep and Long Idle tests, then we should be able to use the "standard operational desktop screen or equivalent ready screen" per the IEC 62623 test method for Sleep and Long Idle tests, is that correct?

c)If this section 5.2 must be applied for all tests, wouldn't 5.2 H) present a problem since the computer would have to be restarted after Off mode test ?

3) Eligibility Criteria Section 3.5.1 iv. and 3.8.1 iii, discuss using Long Idle in place of Sleep for UUTs without a Sleep mode. Should this also be mentioned in section 3.6 for Workstations ?

4) Eligibility Criteria Section 3.6.1:
a)Which value is used for P_{MAX} in the P_{TECMAX} formula : Is the largest value P_{MAX} from the 3 test runs used or is it the average of the three P_{MAX} values ?
b)Since P_{TEC} and P_{TECMAX} are only wattage values and not energy, is it appropriate to refer to them as "TEC" ?

5) Eligibility Criteria Section 3.5.1: bottom of page 12 of 22:
Note v. reads:
P = [# of CPU cores] × [CPU clock speed (GHz)] , where # of cores represents the number of physical CPU cores in the notebook and CPU clock speed represents the Max TDP core frequency, not the turbo boost frequency.
I believe it should read:
"P = [# of CPU cores] × [CPU clock speed (GHz)] , where # of cores represents the number of physical CPU cores in the notebook, desktop, or integrated desktop and CPU clock speed represents the Max TDP core frequency, not the turbo boost frequency."

Section 3.5.1 iv. of ENERGY STAR Computers final draft 6.0 Eligibility Criteria reads:
"iv. For Notebooks, Desktops, and Integrated Desktops that use a Connected Sleep State in place of System Sleep Mode……."

What exactly is meant by "Connected Sleep State" ? Perhaps a definition can be added.
I noticed that in the ENERGY STAR Computers Final Draft Ver. 6.0 Eligibility Criteria, under Equation 4, it should have after
"Where:….." , an explanation of P_{LONG_IDLE} and P_{SHORT_IDLE} instead of two P_{IDLE} entries

Test Method section 5.2 D) reads:
D) With the LMD, measure the luminance in the center of the display in accordance with IEC 60107-1, Ed. 3.0, 1997.

IEC 60107 is quite a lengthy and complicated standard and does not really concisely state how to make a simple luminance measurement in one specific clause of the standard. Perhaps it would be better to just state exactly how the luminance measurement is done without reference to an external standard as is the case for TV's and Displays testing.

For example, borrowing from TV's 6.0, perhaps the following can be inserted for 5.2D) of the Computers test method:
"All luminance testing (with a non-contact meter) shall be performed in dark room conditions, meaning the display screen illuminance measurement in off mode must be less than or equal to 1.0 lux.
Align the LMD perpendicular to the center of the display screen. If a distance meter is being used for testing, the LMD shall be at a distance capable of achieving the desired specifications outlined in section 4.1 D) of the Test Method. "

4.1 D) is the section for LMD specs in Computer 6.0 draft test method.

Or perhaps wording from Displays 6.0 can be used:
A) Luminance testing shall be performed immediately following the warm up period and in dark room conditions. Product screen illuminance, as measured with the UUT in Off Mode, shall be less than or equal to 1.0 lux.

B) Luminance shall be measured perpendicular to the center of the product screen using a Light Measuring Device (LMD). Following the LMD manufacturer's instructions, it is recommended that the LMD either be used as close to the screen as possible or measure an area of at least 500 pixels.

C) The position of the LMD relative to the product screen shall remain fixed throughout the duration of testing.

If it is decided to only keep the reference to IEC 60107 for luminance measurements, then it would be a good idea to refer to a specific clause in IEC 60107 which is to be used for the measurement, but this is difficult since as I mention above, there doesn't seem to be one specific clause which concisely states how to make a simple luminance measurement. Therefore multiple clauses would need to be referenced.

Thanks
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