

| Organization | Topic                | Comment Summary  | DOE Comment Response   |
|--------------|----------------------|--|--|
| ITI          | Luminance Levels     | Industry proposes a default display luminance for testing of at least 150 nits. ITI also proposes only one short idle measurement is needed at one display brightness level for tablets and notebooks.   | DOE agrees and has changed the luminance requirement to 150 cd/m <sup>2</sup> from 200 cd/m <sup>2</sup> for Slate/Tablets.  |
| ITI          | Wireless Radios      | ITI proposes the test (for consistency with Notebooks) should be done with: 1) Wi-Fi on 2) Bluetooth off 3) Cellular data (if available) off 4) When plugged into a wall, charging is likely to occur in a location with Wi-Fi; hence wireless should be ON, while cellular data would be OFF. Airplane mode may not be a realistic use case.  | IEC 62623 already requires WiFi to be on for testing unless the unit has ethernet support. Given that most tablets generally do not have Ethernet support, they will already be tested with WiFi On. However, DOE believes it would be more representative to keep Bluetooth in its as-shipped configuration instead of in the off-mode and has made no changes to the Test Method. Finally, DOE agrees that cellular should be disabled and has modified the Test Method accordingly. |
| ITI          | Other Considerations | Testing of tablets will require that the batteries for the devices, and its accessories, to be fully charged.  | IEC 62623 requires that Computers be tested with the battery disconnected or fully charged. Thus, no changes are needed.   |
| ITI          | Other Considerations | All testing is not to be completed with a docking station unless that is the only way to power the tablet.   | DOE agrees. DOE has amended the test method to specify that a slate/tablet shall be tested with a docking station only if it is shipped with the product and is the only way to power device.  |
| ITI          | Other Considerations | Display warm up time for integrated desktops, notebooks, and now tablets should be shortened in alignment with Display Specification. Almost all LCDs use LED backlights which adjust far more quickly than their technology predecessors. The LED driver is usually a constant current circuit with pulse width modulation (PWM) brightness control. These LED's adjust quickly, and of course direct emission technology like OLED does not need any settle time. As such, ITI proposes a 5-minute warm up time requirement before setting display brightness. | DOE agrees that a 5-minute warm up time is acceptable for most display technologies. DOE has specified in the test method that only CCFL devices shall warm up for at least 30 minutes and all other devices shall warm up for at least 5 minutes.   |