

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
AIR AND RADIATION

June 26, 2013

Dear Imaging Equipment Partner or Other Interested Stakeholder:

On April 1, 2013, The U.S. Environmental Protection Agency (EPA) finalized the Version 2.0 ENERGY STAR® Imaging Equipment Program Requirements. Since that time, as products have been tested and certified, several questions have been raised to EPA and DOE seeking clarifications. Based on these questions, we have made several updates to both the specification and the test method to clarify the intended requirements. None of these clarifications will have an impact on previously certified products. Below are the list of clarifications made to both documents. The revised documents are included in this mailing and have replaced the existing final documents on the ENERGY STAR website.

**Eligibility Criteria**

- Section 3.2.1 External Power Supply (EPS):
  - Clarified that requirements apply to power supplies packaged with the Imaging Equipment only, not those with a Digital Front End (DFE), even if the DFE is shipped with the imaging equipment.
  - Renamed “single-output” and “multi-output” to “single-voltage” and “multiple-voltage”, which are the terms in the Code of Federal Regulations.
  - Clarified that the International Level V efficiency requirement applies to multiple-voltage EPSs, while the Level V labeling requirement only applies to single-voltage EPSs.
- Section 3.2.4 DFE Requirements:
  - Clarified that imaging equipment with DFEs that do not meet the DFE requirements cannot qualify, even if the imaging equipment could meet the OM or TEC requirements without subtracting the DFE power.
- Section 3.4.2 (OM) DFE Requirements:
  - Clarified that the DFE power shall be compared to the Ready State or Sleep Mode power of the Imaging Equipment as a whole (i.e., that of the marking engine, accessories, and DFE).
  - Clarified that the reported power value should reflect the imaging equipment power with the DFE power subtracted.
  - Clarified the requirements apply only to Type 2 DFEs by replacing the phrase “functionally-integrated” which could be interpreted to include Type 1 DFEs as well.
  - Added similar clarifications to Section 3.3.2.i (TEC) DFE Requirements.

**Test Method**

- Section 4.B) Ac Input Power:
  - Modified the Japan test input power in Tables 2 and 3 to read “50 or 60 Hz”.
- Section 6.1 General Configuration
  - Inserted a requirement that the UUT be tested as-shipped unless otherwise specified in the test method.

- Section 6.1.E)3) Service/Maintenance Modes
  - Replaced “may” with “shall” to require replacement of results from jobs disturbed by service/maintenance modes with results from a more representative job.
- Section 8 TEC Test Procedure.
  - Clarified Section 6.1.B)2)a) and b) so that the product speed for calculations and reporting shall be based on “the highest manufacturer-claimed monochrome speed.”
- Section 9 OM Test Procedure.
  - Clarified that the instructions in Section 9.1A)1)a)i), which read “For those modes that do not last 5 minutes, the true average power shall be measured over the mode’s entire duration”, apply to both the average power method and accumulated energy approach to measuring power.
  - Clarified the Accumulated Energy Approach instructions by including units of measurement (Watt-hours and hours).

**Effective Date and Deployment Timeline**

Any products already certified to Version 2.0 will not need to be retested based on these clarifications to the test method and eligibility criteria. As documented in the final specification cover note, EPA has established the following timelines for qualifying products to the Imaging Equipment Specification:

- Since April 1, manufacturers have had the option to have their Certification Body (CB) certify their eligible products to the Version 2.0 Eligibility Criteria.
- On **September 1, 2013**, CBs will stop certifying new products to the existing ENERGY STAR Version 1.2 requirements. Note that existing certifications to Version 1.2 will remain valid for the purposes of ENERGY STAR qualification until January 1, 2014.
- As of **January 1, 2014**, any new product manufactured and labeled as ENERGY STAR must meet Version 2.0 Program Requirements. The qualified product listing will only display those models that have been certified to Version 2.0.

Thank you for your continued support of the ENERGY STAR program. Please contact me at (202) 343-9046 or [kent.christopher@epa.gov](mailto:kent.christopher@epa.gov) or Matt Malinowski at (202) 862-2693 or [matt.malinowski@icfi.com](mailto:matt.malinowski@icfi.com) with any questions or comments regarding this specification update. For questions relating to the test method, please contact Bryan Berringer at (202) 586-0371 or [Bryan.Berringer@ee.doe.gov](mailto:Bryan.Berringer@ee.doe.gov).

Sincerely,



Christopher Kent,  
 Product Manager  
 ENERGY STAR for Imaging Equipment