



## Qualification Procedures under ENERGY STAR® Program Requirements for Set Top Boxes

When qualifying and reporting set-top boxes (STBs) for ENERGY STAR, the following procedure can be used to determine that an appropriate representative sample size has been tested.

- 1) Select on a random basis five units of the STB model to be tested. If the units have been refurbished, all units must have undergone the same refurbishment or reconfiguration, and must have received the same new hardware components or new or updated software.
- 2) Test three units drawn at random from the pool of five units following the test procedure specified in the ENERGY STAR Program Requirements for Set-top Boxes – Version 2.0.
  - a) If all three units meet the applicable ENERGY STAR criteria, and are not within 10% of the allowance in the specification, then the STB model meets ENERGY STAR requirements and no more testing is needed.
  - b) If all three units meet the applicable ENERGY STAR criteria, but any are within 10% of the allowance in the specification, go to step 3.
  - c) If any of the three units do not meet the ENERGY STAR criteria, then the STB model does not meet ENERGY STAR requirements and cannot be referred to as ENERGY STAR qualified.
- 3) Test the additional two units in the pool. If both units meet the applicable ENERGY STAR criteria, then the STB model meets ENERGY STAR requirements and no more testing is needed. If either of the two units does not meet the applicable ENERGY STAR criteria, then the STB model does not meet ENERGY STAR requirements and cannot be referred to as ENERGY STAR qualified.

Note that partners must test STBs for ENERGY STAR qualification according to the test procedure specified in the ENERGY STAR Program Requirements for Set-top Boxes – Version 2.0, and CSA 380 with ENERGY STAR modifications. Partner must report the test results to EPA using a Qualified Product Information (QPI) form developed by EPA. EPA will distribute a draft QPI form for stakeholder review in March 2008. EPA reserves the right to request additional information on ENERGY STAR qualified machines should an issue arise regarding their performance and qualification.