

ENERGY STAR Version 9.0 Televisions Limited Topic Proposal Comment Responses

Topic	Stakeholder Comment Summary	EPA Response
Definition	<p>Two stakeholders recommend that EPA amend the proposed definition for an HCR Display to avoid confusion in what technologies qualify. One suggested to specifically require that an HCR Display be capable of controlling pixels individually.</p> <p>One stakeholder expresses concern that the HCR adjustment factor being based on marketing claims of infinite contrast ratio is subjective and will not directly correlate to the user experience.</p>	<p>EPA agrees that it's the unique ability of an HCR Display to turn individual pixels on and off that allows for their incredibly high contrast ratio and has proposed an updated definition for an HCR Display in the Final Draft to require this capability. EPA believes that this amended definition is no longer subjective or dependent on interpretation.</p>
Stringency	<p>Two stakeholders express support for the proposed HCR adjustment value of 1.12, stating that they believe that the value will provide incentive for manufacturers to make adjustments to their HCR Display offerings to improve efficiency.</p> <p>One stakeholder has expressed concerns that after testing several new model year models, not all of them require the full 1.12 adjustment factor value in order to meet requirements and suggests to remove the adjustment factor as it may not be as widely needed.</p>	<p>EPA acknowledges that as technologies mature and manufacturers respond to market pressures calling for efficiency, that the HCR adjustment factor may not always be necessary. EPA continuously monitors such advancements and will reconsider the appropriateness of the adjustment factor in future specification revisions. The value of 1.12 has however been retained in the Final Draft specification due to EPA's stance that it is needed for ENERGY STAR certification to be within reach of the significant majority of models that would meet the definition of an HCR Display.</p>