



### Setup

Before you begin your test, make sure to set your equipment per the table below in order to test the appropriate component in your video system.

Television type (resolution)	Testing a DVD player, set television's noise reduction feature to OFF and output settings on DVD player =	Testing a television, set television's noise reduction feature to ON and output settings on DVD player =
720p Television (1280 x 720)	720p	576i
768p Television (1366 x 768)	768p	576i
1080p Television (1920 x 1080)	1080p	576i

Remember: **p** (progressive) to test the player and **i** (interlaced) to test the image on the TV.

### HQV Benchmark test and scoring description

Enter your score

<p><b>Color Bar/Vertical Detail (Score either 10, 5 or 0)</b></p> <p>10 Image detail is seen at market "1," no clicker is observed            5 Minor flickering is seen at market "1"            0 No image detail is seen at market "1"</p>	
<p><b>Jaggies Pattern 1 (Score anywhere between 5 and 0)</b></p> <p>5 Jaggies are not seen until the bar enters the <b>green</b> area (&lt; 10 degrees); the logo is free of jaggies            3 Jaggies are not seen until the bar enters the <b>yellow</b> area (&lt; 20 degrees); the logo is free of jaggies            0 Jaggies are visible as the bar enters the <b>red</b> area (&lt; 45 degrees); the logo has jaggies</p>	
<p><b>Jaggies Pattern 2 (Score anywhere between 5 and 0)</b></p> <p>5 All three bars have smooth edges at all times            3 The top two bars have smooth edges, but the bottom bar does not            1 Only the top bar has smooth edges            0 None of the bars have smooth edges</p>	
<p><b>Flag (Score anywhere between 10 and 0)</b></p> <p>10 Jagged edges are not seen in the <b>red and white</b> bars, and the flag exhibits fine detail            5 Some jagged edges are seen, and/or the background appears soft            0 Jagged edges are quite apparent along edges of the bars</p>	
<p><b>Picture Detail (Score anywhere between 10 and 0)</b></p> <p>10 The bricks on the white building exhibit fine detail and sharp outlines, resulting in a crisp, realistic image            5 There is moderate image detail within the bricks on the white building and the bricks' outline appears slightly blurred            0 The bricks on the white building appear to be flat and the bricks' outline is blurred</p>	
<p><b>Noise Reduction (Score anywhere between 10 and 0)</b></p> <p>10 Level of noise is noticeably reduced without loss of image detail            5 Level of noise is reduced somewhat when noise reduction is turned on, or image detail is reduced            0 No apparent reduction in noise and/or image detail is significantly reduced, or the TV or monitor has no noise reduction feature</p>	



<b>Motion Adaptive Noise Reduction (Score anywhere between 10 and 0)</b>		
10	The sky exhibits little or no noise, image detail is sharp and crisp, and no motion trails or smearing artifacts are observed	
5	Some noise is evident in the sky and/or the image appears soft; the roller coaster appears to be slightly blurred	
0	Noise is clearly present in the sky and/or motion trails are visible behind the roller coaster as they move through the scene	
<b>Telecine A &amp; B Detection (Score either 20, 15 or 0)</b>		
20	No flickering, jaggies or loss of resolution with Telecine A & B	
15	No flickering, jaggies or loss of resolution with Telecine A	
0	Flickering and jaggies apparaent with Telecine A & B	
<b>TOTAL (Maximum score: 80)</b>		

\* Originally distributed by Silicon Optix Inc.

[www.HQV.com](http://www.HQV.com)



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