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## Influence of Image Sticking on Electro-Optical Characteristics in Alternating-Current Plasma Display Panels

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We have investigated the electro-optical characteristics of image sticking in AC PDP. Although Image sticking is one of major factors to determine display quality in AC PDP, so far, it has not being reported why it is occurred and how we can prevent it. In this experiment, we have analyzed an image sticking phenomenon and its recovery occurred in short time. And we have observed the change of brightness, IR intensity and visible wavelength between image sticking and normal areas in AC PDP. It is noted that the image sticking characteristics for the white and black backgrounds are different from each other. In this experiment, the test panel is a commercial 42-inch AC-PDP.

### [References]

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