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## **Influence of wall charge configurations on dynamic margin prior to addressing discharge in AC Plasma Display Panel**

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We have experimentally investigated the influence of wall charge configurations on dynamic margin prior to addressing discharge in AC plasma display panel. In this experiment, we have analyzed the quantity and polarity of wall charge accumulated on the front and rear dielectrics prior to addressing discharge under the two driving sequences. As a result, under a certain wall charge configuration on front dielectrics, the dynamic margin for selective writing discharge occurred at addressing period has been found to be reduced seriously. And it is also found that the wall charge on the rear dielectrics is one of main factors causing the wrong discharge in sustaining period.