

Surface plasmon tunable filters and flat panel display device

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Surface plasmon tunable filter (SPTF) is a ~~new technology under development~~ at Jet Propulsion Lab. I had discussed the theoretical model and possible applications of using surface plasmon tunable filters for flat panel display device in several SPIE meetings. Now a prototype of surface plasmon tunable filter has been fabricated at JPL, and the experiment measurement will be discussed in this paper.

Keywords: surface plasmon, tunable filter, flat panel display, LCD