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most common classical and subspace based direction of arrival

designed and the fabricated antenna showed enough gain improved efficiency and broadband characteristics for receiving satellite signals compare to conventional microstrip antenna which has dielectric loss and radiation loss on transmission line

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Described the study on back radiation level improvement of iff antenna after briefly describing a design of iff antenna to distinguish the target as the sub antenna of surveillance radar the proposed iff antenna was minimized a size with use all in one power divider as a two channel iff antenna forming sum and difference pattern

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