

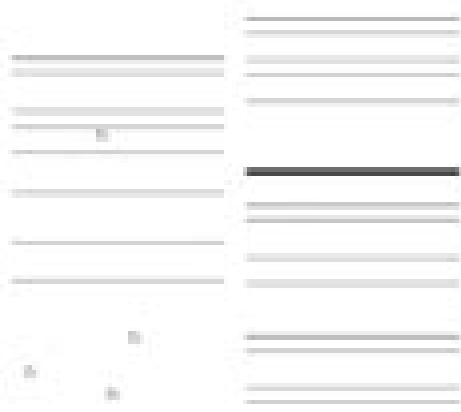
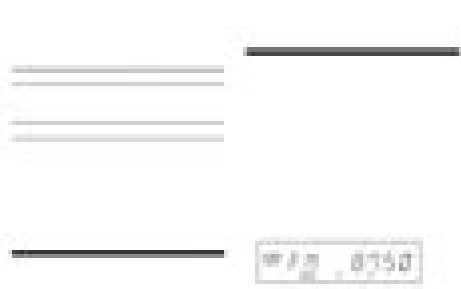
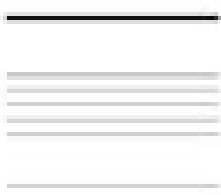
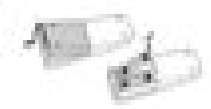
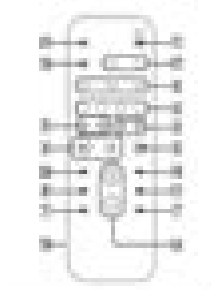
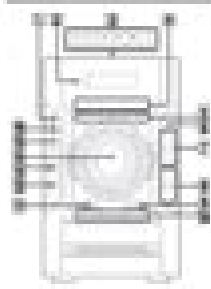
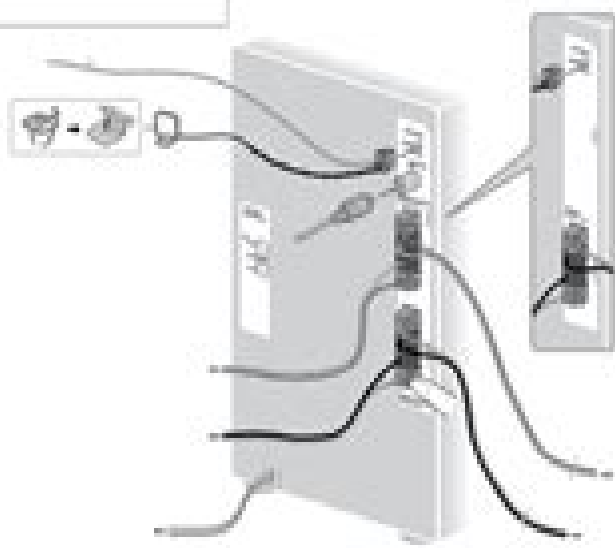
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abstract a wideband 2 2 slot element for a 60 ghz antenna array is designed by making use of two double sided printed circuit boards pcbs the upper pcb contains the four radiating cavity backed slots where the cavity is formed in substrate integrated waveguide siw using metalized via holes

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single element low profile wideband linearly polarized cavity backed antenna using two slots is designed and analyzed the antenna bandwidth is increased by nrws which makes both hybrid modes of tm input impedance keywords

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