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(57) Abstract :
 The present invention relates to a tri-band microstrip patch (100) antenna with back to back E-shape slot. The tri-band microstrip patch (100) antenna with back to back E-shape slot comprises a dielectric substrate, one or more rectangular microstrip patches (100) a ground plane, and a computing unit is configured to cut two back to back E shape slots into one or more rectangular microstrip patch (100) to generate a plurality of feed points and take a plurality of feed points in the patch (100) area of the one or more rectangular microstrip patches (100) antenna to achieve a tri band. The present invention provides a tri-band microstrip patch (100) antenna with back to back E-shape slot that can be suitable to work in three different frequency bands with a good amount of gain and efficiency.

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