

Abstracts

Coplanar Waveguide Aperture-Coupled Microstrip Patch Antenna

R.Q. Lee and R.N. Simons. "Coplanar Waveguide Aperture-Coupled Microstrip Patch Antenna." 1992 Microwave and Guided Wave Letters 2.4 (Apr. 1992 [MGWL]): 138-139.

The performance characteristics of a coplanar waveguide (CPW) aperture-coupled microstrip patch antenna was investigated experimentally. A grounded CPW with a series gap in the center strip conductor was used to couple microwave power to the antenna through an aperture in the common ground plane. Results indicate good coupling efficiency and confirms the feasibility of this feeding technique.

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