

Abstracts

An Analysis of Log Periodic Antenna with Printed Dipoles

A. Paul and I. Gupta. "An Analysis of Log Periodic Antenna with Printed Dipoles." 1981 Transactions on Microwave Theory and Techniques 29.2 (Feb. 1981 [T-MTT]): 114-117.

An analysis of Log Periodic Antenna with Printed Dipoles is presented here. In this analysis, the wave equation for Hertz potential is solved in Cartesian coordinates applying the boundary conditions of a flat strip diople. Using this model, the input currents to the antenna elements, the current distribution of the antenna elements, and the radiation pattern are computed. The computed results are compared with experimental results.

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