

Abstracts

Frequency Response Characteristics of the Multiport Planar Elliptic Patch (Short Papers)

F.A. Alhargan and S.R. Judah. "Frequency Response Characteristics of the Multiport Planar Elliptic Patch (Short Papers)." 1992 Transactions on Microwave Theory and Techniques 40.8 (Aug. 1992 [T-MTT]): 1726-1730.

Currently there is no analytical formulation for the multiport elliptic patch. In this paper the single series Green's function for the elliptic patch is derived and its impedance matrix is formulated. Theoretical and experimental results are compared for a four port elliptic patch.

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