

Abstracts

An Experimental Investigation of a Two-Slot Transmission Line on Nonplanar Surfaces

R.W. Burton and R.W.P. King. "An Experimental Investigation of a Two-Slot Transmission Line on Nonplanar Surfaces." 1965 Transactions on Microwave Theory and Techniques 13.3 (May 1965 [T-MTT]): 303-306.

The two-slot transmission line, which is the dual of a two-strip line when both lines lie in a plane, is studied experimentally when the metal sheet into which it is cut is bent through angles up to 90°. It is found that the bent two-slot line is substantially the dual of a similarly bent two-strip line including a complementary reactive junction network at the bend.

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