

Abstracts

Comparative performance of three different CPW bandpass filters

Fang-Lih Lin and Ruey-Beei Wu. "Comparative performance of three different CPW bandpass filters." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 813-816.

This paper addresses the performance comparison between three kinds of coplanar waveguide bandpass filter designs: ribbon-of-brickwall, impedance transformer type; and gap-coupled filters. Several analysis models have been employed to investigate the high frequency characteristics of the three kinds of filters including the scattering parameters and the power loss. The numerical results are in good agreement with the measured data.

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