

Abstracts

Tuning band pass filters in the time domain

J. Dunsmore. "Tuning band pass filters in the time domain." 1999 MTT-S International Microwave Symposium Digest 99.3 (1999 Vol. III [MWSYM]): 1351-1354 vol.3.

This new idea in coupled-resonator filter tuning is based on the time domain response of filter return loss. With this method, individual responses of each resonator and coupling coefficient can be distinguished and can be precisely set to a desired filter response; interactions can be immediately determined and accounted for.

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