

Abstracts

Observations on the stopband performance of tapped line filters

R.J. Wenzel and D.G. Swanson, Jr.. "Observations on the stopband performance of tapped line filters." 2001 MTT-S International Microwave Symposium Digest 01.3 (2001 Vol. III [MWSYM]): 1619-1621 vol.3.

Current circuit based models for filters with tapped line inputs are shown to be accurate for predicting passband performance and inaccurate for predicting stopband performance. EM field-solver computations are shown to be capable of accurate performance predictions in both the passband and stopband. Significant differences in stopband performance are shown to be possible with different types of input/output coupling.

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