

# Abstracts

## Varactor Tuned Bandpass Filters Using Microstrip-Line Ring Resonators

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*M. Makimoto and M. Sagawa. "Varactor Tuned Bandpass Filters Using Microstrip-Line Ring Resonators." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 411-414.*

This paper describes the fundamental characteristics and experimental results of newly developed tunable bandpass filters using microstrip-line ring resonators. The experimental filter has a steeper attenuation slope and less circuit instability than conventional filters, and it seems to be a suitable filter for MICs or MMICs.

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