

# Abstracts

## Characteristics of $\lambda/4$ CPW resonators with tap-excitation and their application to bandpass filters

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K. Wada, I. Awai and Y. Yamashita. "Characteristics of  $\lambda/4$  CPW resonators with tap-excitation and their application to bandpass filters." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 717-720.

The basic characteristics of  $\lambda/4$  coplanar waveguide (CPW) resonators are verified by a theoretical analysis using an improved equivalent circuit and a laboratory test. We propose new types of combine BPFs using these resonators and examine their transmission characteristics.

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