

Abstracts

Microstrip Variable Band-Pass Filters Using Varactor-Diodes

S. Toyoda. "Microstrip Variable Band-Pass Filters Using Varactor-Diodes." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 153-155.

Two microstrip variable band-pass filters for 6 GHz and 4 GHz bands are proposed and tested. The pass-band width varies from 310 MHz to 1.24 GHz for the varactor-diode coupled filter, and it varies from 380 MHz to 2.18 GHz for the filter which is composed of low-pass and high-pass filters connected in series. The center frequency of the both filters can be changed arbitrarily.

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