

Abstracts

A 0.5-4.0 GHz Tunable Bandpass Filter Using YIG Film Grown by LPE (1987 Vol. I [MWSYM])

Y. Murakami, T. Ohgihara and T. Okamoto. "A 0.5-4.0 GHz Tunable Bandpass Filter Using YIG Film Grown by LPE (1987 Vol. I [MWSYM])." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 371-374.

A tunable bandpass filter using YIG film grown by LPE has been developed. Over the wide tuning range from 0.5 GHz to 4.0 GHz, low insertion loss and high spurious suppression have been achieved. The performance of this filter satisfies the requirements for use as a tracking preselector in a microwave spectrum analyzer.

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