

# Abstracts

## Bandpass and Bandsectioning Filters Using Epitaxial YIG Films

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*W.L. Bongianni and L. Young. "Bandpass and Bandsectioning Filters Using Epitaxial YIG Films." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 414-419.*

The epitaxial growth of yttrium iron garnet (YIG) films on gallium garnet (GGG) has allowed the construction of microwave gadolinium devices compatible with current microwave integrated technology. This paper describes the construction and operation of a bandpass filter and a band-sectioning filterbank.

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