

Abstracts

Self Adaptive Bandpass Filters with Applications to "Frequency Set-On" Oscillators

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There are many potential applications particularly at microwave frequencies, for filters whose characteristics vary according to the signal applied to the device. Self adaptive bandpass filters are one class which produce a bandpass characteristic around the carrier frequency of a signal. One application is in multimode oscillators where any mode will then be stable when excited by a sample of an r.f. pulse.

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