

# Abstracts

## Frequency Selective Limiters for High Dynamic Range Microwave Receivers (Dec. 1993 [T-MTT])

---

*J.D. Adam and S.N. Stitzer. "Frequency Selective Limiters for High Dynamic Range Microwave Receivers (Dec. 1993 [T-MTT])." 1993 Transactions on Microwave Theory and Techniques 41.11 (Dec. 1993 [T-MTT] (1993 Symposium Issue)): 2227-2231.*

A new broadband frequency selective limiter, which provides over 14 dB of limiting across more than an octave bandwidth, is described. The limiter is fabricated with epitaxially grown YIG films in a stripline configuration and has a threshold power level of below 0 dBm. Multiple FSL's have been cascaded with amplifiers to allow compression of microwave signals with a power range of 60 dB into a range of less than 5 dB.

 [Return to main document.](#)