

# Abstracts

## A Linearized Modulator for High Performance Bandpass Optical Analog Links

---

*G.E. Betts. "A Linearized Modulator for High Performance Bandpass Optical Analog Links." 1994 MTT-S International Microwave Symposium Digest 94.2 (1994 Vol. II [MWSYM]): 1097-1100.*

The spurious-free dynamic range of a sub-octave externally modulated optical analog link can be extended to as high as 138 dB-Hz/sup 4/5/ with modest received optical power (only 2.3 mA average photocurrent!) and with very small noise figure penalty by using a simple linearized modulator design biased near its minimum transmission.

 [Return to main document.](#)