

# Abstracts

## A broadband linearizer for Ka-band satellite communication

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*W.-M. Zhang and C. Yuen. "A broadband linearizer for Ka-band satellite communication." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1203-1206.*

A compact, broadband linearizer has been developed at Space Systems Loral for Ka-band communication satellite (20 GHz down link). The pre-distortion type linearizer is capable of providing up to 10 dB gain compensation and 80 degree phase compensation, and is suitable for a broadband communication satellite.

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