

# Abstracts

## An Experimental Linearized Power Upconverter for SSB Signals

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*E.H. Loser. "An Experimental Linearized Power Upconverter for SSB Signals." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 665-668.*

An experimental 3-band varactor diode power upconverter for SSB-AM communications has been linearized by predistortion at IF. Several types of simple predistortion linearizers have been tested and compared. Linearization factors from 10 to 22 dB have been achieved within a frequency band of 40 MHz or a dynamic range of 10 to 20 dB.

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