

Abstracts

High-Power Upconversion for SSB-AM Signals

E. Loser and K. Schunemann. "High-Power Upconversion for SSB-AM Signals." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 117-119.

Negative feedback is used to linearize the upconverter of an SSB-AM transmitter. The upconverter is realized with evanescent mode resonators and contains two MIS varactors. An output power of 5 W with an IM-level, which is -55 dB down, have been achieved.

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