

Abstracts

A Semi-Monolithic Wideband VCO with Output Power Control Capability Using an Active Power Splitter

M. Kimishima, S. Ohmura and T. Ashizuka. "A Semi-Monolithic Wideband VCO with Output Power Control Capability Using an Active Power Splitter." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1317-1320.

One-octave bandwidth semi-monolithic VCO which has output power control capability has been developed using an active power splitter. This novel VCO exhibits an output power of 13.6 ± 1.2 dBm, output power control variation of 30 dB and output power match between two output ports is less than 0.6 dB over 8.8 to 17.6 GHz.

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