

Abstracts

Effects of offsets on bipolar integrated circuit mixer even order distortion terms (2000 [RFIC])

D. Coffing and E. Main. "Effects of offsets on bipolar integrated circuit mixer even order distortion terms (2000 [RFIC])." 2000 Radio Frequency Integrated Circuits (RFIC) Symposium 00. (2000 [RFIC]): 239-243.

Second order intermodulation products and other spurious signals in bipolar double-balanced mixers can be generated due to device mismatches. The creation of these spurs is analyzed theoretically and by simulation. Guidelines are presented that show the maximum acceptable mismatch to meet a given spurious rejection specification.

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