

Abstracts

FM demodulation using an injection-locked oscillator (2000 [RFIC])

E. Main and D. Coffing. "FM demodulation using an injection-locked oscillator (2000 [RFIC])." 2000 Radio Frequency Integrated Circuits (RFIC) Symposium 00. (2000 [RFIC]): 227-230.

An injection-locked oscillator in combination with a phase detector is shown to make a very effective FM demodulator. The dynamic behavior is similar to a PLL but with several advantages, one of which allows automatic tuning from outside the locking range.

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