

Abstracts

FM demodulation using an injection-locked oscillator (2000 Vol. I [MWSYM])

E. Main and D. Coffing. "FM demodulation using an injection-locked oscillator (2000 Vol. I [MWSYM])." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. I [MWSYM]): 135-138.

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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