

Title (en)

REDUCING THE DC OFFSET OF A HOMODYNE RECEIVER

Title (de)

REDUZIERUNG DES DC-OFFSETS EINES HOMODYNEN EMPFÄNGERS

Title (fr)

REDUCTION DU DECALAGE EN CONTINU D'UN RECEPTEUR HOMODYNE

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Application

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Priority

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Abstract (en)

[origin: WO0223712A1] The invention relates to a homodyne receiver comprising a mixer (3) to which the signal (1) to be demodulated as well as another signal from a local oscillator (4) are fed. The homodyne receiver is advantageously provided with a modulator for spreading the local oscillator signal by using a spreading code and with a demodulator (5) for despreding the output signal of the mixer. The spread signal of the local oscillator inserted into the receive branch of the homodyne receiver can thereby be suppressed and does not lead to an unwanted DC offset.

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